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Y. & H. 62 61 U.S. DEPT. OF AGRICULTURE
Washington, D. C.

YOUNG & HALSTEAD'S

1902

Descriptive.....

Seed Catalogue



YOUNG & HALSTEAD

SEEDSMEN,

TROY, N. Y.

Good Seeds for 1902.

We do not handle cheap seeds. From good seeds only can good crops be grown, and our aim is to furnish the grower with the best seed at the lowest price that good seed can be sold.

—FREE DELIVERY.—

At the prices quoted in this Guide, we deliver all Vegetable and Flower Seeds, in PACKETS, OUNCES, 1-4 POUND, FREE to any postoffice in the United States, except Peas, Field Corn and Beans, and Farm Seed on which if wanted by mail, add to Farm Seed 8 cents per pound; to Peas, Beans and Field Corn, 8 cents per pint, 15 cents per quart, and Sweet Corn, 5 cents per pt. and 10 cents per qt., to cover cost of mailing.

ORDERS FROM NEW CUSTOMERS.

Persons unknown to us, to avoid delay, will please send a remittance or satisfactory city reference with their orders.

Twenty-five cents' worth of Seeds **extra** will be allowed on each One Dollar sent for seeds in packages and ounces, with the only exception of Cauliflower.

All orders received by us will have prompt and careful attention. Thanking you for past favors, we hope for your trade this season.

SPECIAL NOTICE. Correct Prices for Seeds given below for 1902.

	Per Oz.	Per ¼lb.	Per lb.
CARROT, Chantenay	\$.15	\$.30	\$1.00
CELERY, Golden Jewel . . . . .	.40	1 .25	4.00
CUCUMBER, All Varieties . . . . .	...	....	.60
ONIONS, Ex. Sel., Southport, White Globe . . . . .	.25	.85	3.00
“ Large Yellow Globe . . . . .	.20	.60	2.00
“ Large White Portugal or Silverskin . . . . .	.25	.85	3.00
“ Ebenezer . . . . .	.25	.85	3.00
PEAS, New Lightning		Per Qt. \$.30	Per Peck \$1.50
“ First of All . . . . .	.25		1.25
“ First and Best . . . . .	.25		1.25
“ Impr. Dan'l O'Rourke . . . . .	.25		1.25
“ Gradus . . . . .	.50		4.00
“ Nott's Excelsior . . . . .	.35		2.00
“ American Wonder . . . . .	.35		2.00
“ Little Gem . . . . .	.35		2.00
“ Ex. Ey. Premium Gem . . . . .	.35		2.00
“ Advancer . . . . .	.35		1.75
“ Hosford Market Garden . . . . .	.30		1.75
“ Stratagem . . . . .	.30		1.75
“ Telephone . . . . .	.30		1.75
“ Pride of Market . . . . .	.25		1.50
“ Champion of England . . . . .	.30		1.75
PUMPKIN, Common Field		Per ¼-lb. 10	Per lb. .75
SEED OATS, Price on Application.			

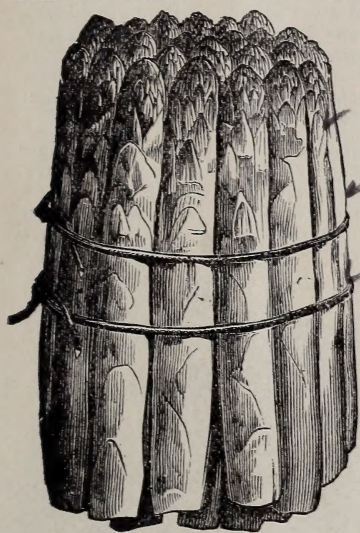
Special quotation on Farm Seeds.

Young & Halstead give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



ASPARAGUS

Culture—Sow seed thinly in rows one foot apart in April or May. Have ground in perfect condition for seed. Keep free from weeds. When plants are of suitable height, thin to three or four inches in the rows, saving only best plants. When one year old transplant into rich sandy loam well mulched with rotten manure. For private use plant in beds five feet wide, three rows to each bed. Never cut too closely. Top dressing every fall with manure, spade this in in the spring with two or three pounds of salt to the square yard. Four or five pounds of seed required to sow an acre (1 oz. to 16 ft. of drill).



Asparagus.

Conover's Colossal—The oldest and most reliable variety for market gardeners' use and also private beds. Pkt. 5c.; oz. 10c., $\frac{1}{4}$ lb. 20c.; lb. 60c.

Palmetto—Larger and earlier than Colossal, of bright green color. A very desirable variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c., lb.; 70c.

Columbia Mammoth White—A distinct variety of strong vigorous growth, producing very large white shoots, that in favorable weather remain white as long as fit for use. This variety is very desirable for canning and market gardeners' use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

BUSH BEANS—Green Podded Variety

Culture—Plant about May 1st, or as soon as all danger from frost is over, in warm sheltered spot. Manure ground slightly before planting. Sow in drills two inches deep and eighteen inches apart, put beans about three inches apart in drills. Hoe well and keep free from weeds. Sow every two

weeks for succession. Quantity required, 1 qt. to 100 ft. of drill or 150 hill; 1 bu. per acre.

✓ **Burpee's Stringless Green Pod**

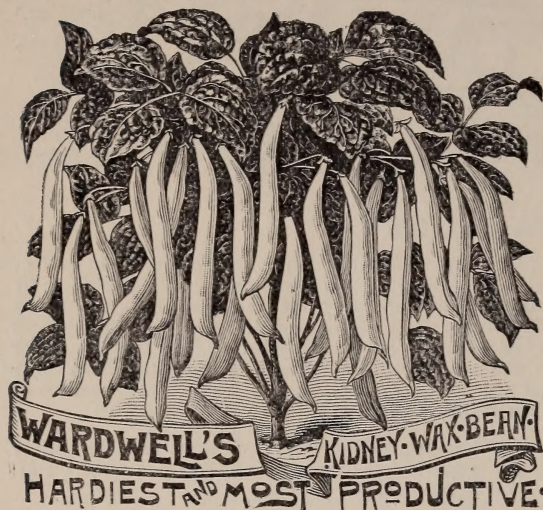
—It is the earliest and most valuable green podded Snap Bean. It is the hardiest of all varieties, having withstood frost which destroyed the Early Six Weeks. It has been annually each season, the first to mature pods for use and is absolutely the finest in quality of all green podded sorts. The pods are well rounded, very meaty, and absolutely stringless, even when the beans are fully developed. The plants are of strong, vigorous growth and yield an enormous number of the handsome dark-green pods. Pkt. 10c.; pt. 20c.; qt. 35c.; pk. \$1.75.

**Our prices are as low as
GOOD SEEDS can be sold.**



Burpee's Bush Lima.

BEANS—Continued



earlier. It is very prolific and from its earliness is almost certain to produce a crop. In quality it is unexcelled, being exceptionally free from strings and very tender at all stages of growth. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. 1.50.

✓ **Early Yellow Six Weeks**—Very productive, green pods which are neither flat nor round, often measure eight inches in length. Very desirable for market gardeners. Beans, when ripe, yellowish dun color. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

— **Improved Early Red Valentine**—This variety is very early and desirable for market and home use. Very tender and of excellent flavor. Fully ten days earlier than the common red Valentine. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **Early Mohawk**—Very early and will stand more cold than most bush varieties. This variety is grown very largely in the Southern States for our Northern markets. Pods are from five to six inches long and when ripe the seeds are drab, with purple spots. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **Refugee, or 1000 to 1**—This very popular medium or late variety has always been a leader among the market gardeners. The pods are very tender and of fine flavor. The beans present a handsome appearance, and are largely grown for picking purposes. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **Dwarf Horticultural, or Speckled Cranberry**—A dwarf variety of the well-known Horticultural Pole Bean. Very prolific and of fine quality. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **White Marrowfat**—A variety largely grown to be sold in a dry state; also valued as a string bean. One of the best field varieties that can be grown. Seeds are ivory-white. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.25.

✓ **Henderson's Bush Lima**—While the beans are small (being of the Sieva or Sewee type, known in the South as "butter beans") yet they are ready for the table earlier than the Large Lima, and the little pods, growing in clusters, are plentiful. The compact, dwarf bushes are of hardy growth and very prolific. Each bush generally matures from forty to eighty pods, while under extra cultivation, specimen plants have been raised which bore two hundred. Pkt. 15c.; pt. 25c.; qt. 40c.; pk. \$2.00.

✓ **Burpee's Bush Lima**—The largest and most prolific of the bush Limas, grows about 20 inches in height and bears an abundance of beans, about same size as Large White Limas. Best Bush Lima. Pkt. 10c.; pt. 25c.; qt. 40c.; pk. \$2.00.

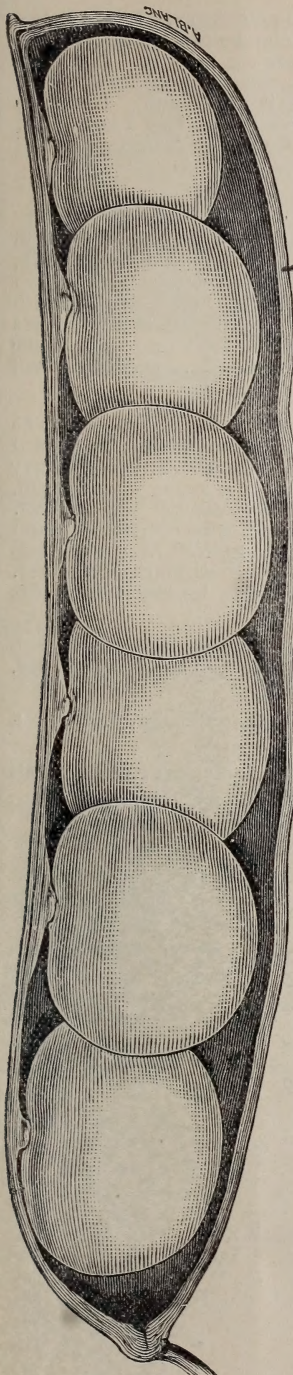
✓ **Extra Early Refugee Wax**—Similar in every respect to the ordinary Refugee, but is nearly two weeks



Early Golden Cluster Wax. See page 6.

Try Campbell's White Onions for Bunching.

BEANS—Wax Podded Varieties



Large White Lima.

✓ **Wardwell's Kidney Wax**—Extra early and hardy. Very robust and prolific. Shape of beans very distinct from other wax varieties, being of a perfect Kidney shape. Pods long and flat and purely wax and not liable to rust or blister. The best for market use. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **Davis' Kidney White Wax**—The best white bean for early market use. Pods oval, long and clear waxy color. Very productive, used largely by canners. These pods do not discolor in canning. These beans may be used after they become ripe same as white beans. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **Perfection Wax**—Unequaled for productiveness; plant being loaded with long golden-yellow pods of handsomest appearance and finest quality; an improved "Flageolet" bean, earlier and larger than Golden Wax. Pkt. 10c.; pt. 30c.; qt. 35c.; pk. \$1.25.

✓ **Golden Eyed Wax**—This variety is also classed among the early productive varieties; very profitable and prolific; used largely by market gardeners; pods of long waxy appearance. produces a beautiful appearance. Try them and be convinced. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **Golden Wax**—Pods long, entirely stringless and of rich golden wax color; very prolific, of dwarf, compact, growth; as a snap sort it excels in rich buttery flavor. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

✓ **German Wax**—(Black). One of the best for family use. "Mother's kind," old and reliable. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50.

Pole, or Running Varieties

Culture—Sow May 1st for all except limas, which should not be sown before the last of the month, or until it has become warm. Plant in hills four feet each way. One quart of limas will plant about 100 hills, allowing four or five beans to each hill. Of smaller sorts about 200 hills. Set poles eight to ten feet long in hill before planting seed.

✓ **Lima. Extra Early Jersey**—This particular strain of limas is two weeks earlier than other limas, making them very profitable to the grower on account of earliness and productiveness. Seeds when ripe are of flattish kidney shape, and have a dull white color. Beans being a trifle smaller than Large White Limas, but are very tender and delicious. Pkt. 10c.; pt. 25c.; qt. 40c.; pk. \$1.75.

✓ **Dreer's Improved Lima**—These early limas have a distinctive feature of early maturity, large yield and extra quality. Bean itself is thick and round instead of flat, as other limas. Pkt. 10c.; pt. 30c.; qt. 45c.; pk. \$2.00.

✓ **Large White Lima**—One of the old standard varieties; they produce an abundance of pods. The beans are of exceptionally good flavor. Excellent for private use. Pkt. 10c.; pt. 25c.; qt. 40c.; pk. \$1.75. (See illustration on page 5.)

✓ **Horticultural, or Speckled Cranberry**—Well known sort of excellent quality; pods streaked with red, same as bean when ripe. Pkt. 10c.; pt. 20c.; qt. 35c.; pk. \$1.50.

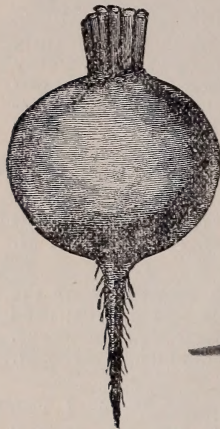
✓ **Scarlet Runner**—A popular English pole bean of excellent flavor; very ornamental, flowers bright scarlet. Pkt. 10c.; pt. 20c.; qt. 35c.; pk. \$1.50.

✓ **German Wax (Black)**—Old but true blue sort; excellent bean for private or market use, fine flavor and somewhat later than the Golden Cluster Wax; superb. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.75.

Our Seeds are Tested, of the Very Best Quality Obtainable.

BEANS—Continued

Early Golden Cluster Wax—The finest of all the wax podded pole beans. It bears profusely its long golden-yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. In all the points required to a good bean for market, this variety excels. It is distinct in its white seed, in color and habit of growth. The pods retain their tenderness long after the beans have attained a large size. Pkt. 10c.; pt. 20c.; qt. 30c.; pk. \$1.50. (See illustration, page 4.)



Dirego Beet.

BEETS

Culture—Sow in deep rich soil with plenty of manure worked in the soil. Sow in May, or as soon as the ground will permit; for early, thin to six inches in the rows, having the rows fifteen to eighteen inches apart. When plants are about three inches high, fertilize with Reed's Standard Fertilizer (the quantity required, about 400 pounds per acre), also at same time sow broadcast and work into the soil 400 pounds of salt; this keeps the roots free from insects. One ounce will sow fifty feet of drill; six pounds required for an acre.

BEET, DIREGO—This recent foreign introduction has proven to be the *best early beet* ever placed on American markets, and market gardeners who tested it last season pronounced it the *best early beet*. The Dirego has very little top slender stems, smooth skin, flattish round in shape like an orange, and has but one top root. The color of the flesh is rich dark crimson, with very faint lighter colored rings. The flesh is sweet and crisp, free from objection-

able earthy flavor. This beet is earlier than Crosby's and far more regular in character. It is free from very coarse roots; especially adapted for frame work; for first variety it is unsurpassed. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 50c.

Detroit Dark Red Turnip Beet—The best deep red turnip beet, not only for market gardeners, but for the home garden as well. It is not only of fine shape and excellent quality, but is exceedingly early. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; 1 lb. 70c.

Egyptian Turnip—One of the old standard early varieties, of dark red color, flesh sweet, rather flat in shape. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

Crosby's Egyptian—A finer strain of beet than the Egyptian and somewhat earlier. This beet is thicker and has a more desirable shape. Color deep red, almost black; very sweet and tender and also much smoother than the parent stock. Very desirable for small beets for early market, as it follows next in earliness to Dirego. This beet may be sown outside as late as July. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Eclipse—A very popular variety among the market gardeners. Very early, of dark red color, both skin and flesh, almost spherical in form, has one top root. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

Edmund's Blood Turnip—One of the finest medium early sort, very regular in shape; skin deep blood-red, flesh very dark and of good quality. A superb variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

Lentz Blood Turnip—Very large beet, small top, as early as Egyptian, flesh tender and sweet at all times. Will produce a crop in about six weeks from time of planting. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c.

Early Crosby—One of the best early varieties, color deep dark blood-red. Handsome for a fine market variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

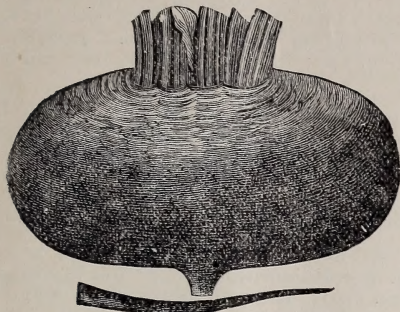


Eclipse Beet.

Try ALLEN'S Dwarf Telephone Peas.

BEETS—Continued

✓ **Dewing's Improved Blood Turnip**—Excellent dark red variety, about two weeks earlier than the blood turnip. Tubers of good uniform size, smooth and rich in color, very tender and sweet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

*Dewing's Improved Blood.*

resists drought better than other varieties, color dark red, flesh sweet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Swiss Chard or Silver Beet**—Used extensively for beet greens, and is much superior other beets for greens. Later plants form large broad flat leaves, which are very delicate cooked as greens. Give it a trial and be convinced. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Bastian's Blood Turnip**—This variety is larger than Egyptian, very tender and sweet, retains its blood-red color after cooking. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c.

✓ **Early Blood Turnip**—This old standard blood-red variety is well known by all market gardeners; one of the very best for family use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Early Bassano**—Flat, light color. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Long Smooth Blood**—An old standard variety, very useful for cattle and eating purposes,

BEET SUGAR.

✓ **Vilmorin's Improved White.** Contains more saccharine matter than any other beet. Fine for cattle or sugar. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 25c. In lots 5 lbs. or over 20c. lb.

✓ **Lane's Imperial Sugar.** One of the popular varieties among sugar beet factories. An excellent yielder; also largely used by farmers and dairymen for cattle. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 25c. In lots 5 lbs. or over, 20c. lb.

✓ **Yellow Sugar.** Fine for stock; a superb variety, a large yielder. Sow from 6 to 8 lbs. per acre of three above varieties. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 25c. In lots 5 lbs. or over, 20c. lb.

BEET MANGEL-WURZEL.

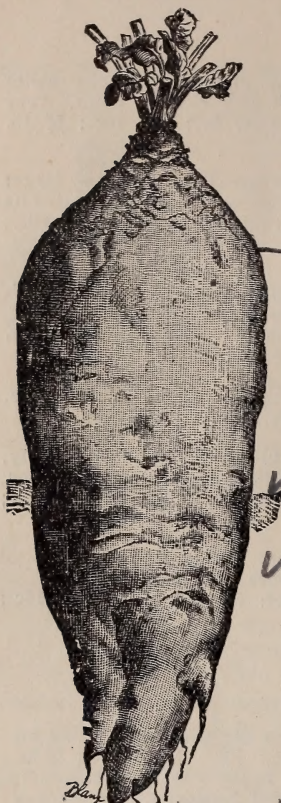
Culture—Sow in soil worked 12 to 18 inches deep. Fertilize well with Read's Fertilizer. When plants are about four inches high, cut down well, and when frost comes dig the crop; put into heaps, cover with salt hay or straw. When weather grows cold add dirt to covering. When wanted for spring use will be as fresh as when first dug.

✓ **Noribition Giant.** One of the largest and most productive mangels ever grown, an enormous cropper. Tops small, roots long and smooth. Very fine for cattle; color, red. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 35c. In lots 5 lbs. or over, 30c. lb.

(See illustration, page 8.)

*Swiss Chard.*

We mail seeds in packets, ounces and quarter pounds at catalogue price.



Noribition Giant. See page 7.

BEETS—Continued.

Golden Tankard—Roots very large, half long, an enormous yielder, especially adapted for dairymen, as this superb variety is rich in milk producing qualities. Color golden yellow. Pkt. 5c.; $\frac{1}{4}$ lb. 15c.; lb. 35c. In lots 5 lbs. and over, 30c. lb.

Golden Globe—Roots large and spherical in form, keeps full as well as any other variety and is well adapted for shallow soils. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 35c. In lots 5 lbs. and over, 30c. lb.

BROCCOLI

Culture—Sow early sorts as soon as the ground can be worked in the spring, in shallow drills drawn three or four inches apart. Plant out four feet apart, when plants are about four inches high, cultivate same as cabbage, in rich soil.

Purple Cape. Heads medium size, compact, of purple color; similar in growth to Cauliflower. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.50.

White Cape. Differs only in color to the above variety. This variety sure to head. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.25.

BRUSSELS SPROUTS.

Culture.—Sow in May in same manner as cauliflower, and transplant in July to one foot apart, in rows which should be one and a half feet apart, in gardens both large and small. Brussels sprouts are, without exception, the best winter vegetable that can be grown. (See illustration page 9.)

Dwarf Improved. This variety produces sprouts of compact and excellent quality; the best variety that can be grown for private and market use. Greatly improved over the old varieties. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25.

CABBAGE.

Culture.—Have soil rich and of heavy loam, with good drainage. For early spring sow in fall. Not too early, or plants are liable to bolt in the spring instead of heading. In a month transplant into cold frames. Where they are wintered, care must be taken to set the young plants down as far as first leaves. In spring transplant as soon as the ground can be worked. Plant two feet apart one way, and from twelve to eighteen inches the other way. Sow seed in May for winter crop. Set out plants in July. Set in rows two by three feet. One ounce will produce 1500 plants; one half pound to transplant for one acre of ground. Our Cabbage Seed is all Long Island grown.



Broccoli.

Plant the Gradus Pea for Early.

CABBAGE—Continued

✓ **Extra Selected Early Jersey Wakefield**—Well known variety and invaluable for home or market use; heads pointy, and by far the earliest sort. Heads of this variety being harder and more compact than other early cabbage. Northern market gardeners wholly depend on this for their first crop. Pkt. 5c., oz. 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$4.00.

✓ **Extra Selected Large Early Jersey Wakefield, or Charleston**. Heads larger than above variety, not quite as early but a fine variety. Has been in cultivation for the past twenty-five years with remarkably good results. Try it and be convinced that it is all we claim for this variety. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$4.00.

✓ **Burpee's All Head Early**—This is the earliest of the large head cabbages by at least one week. This variety has flattish heads and is fully one-third larger than Early Summer, which, however, makes it more profitable market garden variety, the heads being uniform in color and size. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.75.

✓ **Early Winnigstadt**—One of the best for second early, size of heads medium, fine keeper, both early and late. Useful for summer and winter. (See cut for illustration.) Heads of this variety very hard and solid. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

✓ **Henderson's Early Summer**—A second early variety, about one week later than Jersey Wakefield. Heads much larger and will stand in ground longer than any of the early sorts without bursting. Heads forming of uniform shapes; are solid and of excellent quality. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.75.

*Brussels Sprouts.*

See page 8.

✓ **Brill's Nonesuch**—This variety is too well known for further description. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.

✓ **Selected Newark Flat Dutch**—For second or medium early, this superb variety is unsurpassed. Heads large and flat and of excellent quality. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

✓ **Vandegraw**—An old reliable variety, medium early, grows quick, heads flat, sure to head. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.

✓ **Early Deep Head**—Very fine early variety. Pkt. 5c.; oz. 35c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

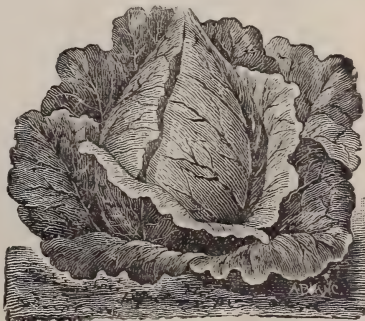
✓ **Henderson's Early Spring**—The earliest Flat Headed Variety. Very solid and of the best quality, although it does not come to full maturity as early as the Jersey Wakefield it becomes solid enough for use about as early and is by far the best early sort for those markets that demand a cabbage of the Flat Dutch type. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.

*Early Jersey Wakefield.*

✓ **Fottler's Improved Brunswick**—The best second early cabbage in cultivation. The heads are large, solid and compact, flat on top with very few outside leaves. This variety is invaluable for early fall use. Used largely by factories, also truckers. Get this variety and you will grow no other for early fall sales. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Henderson's Succession**—This variety is unsurpassed as second early; comes into market about one week later than Early Summer, the main feature. Has no tendency to run to seed, heads large and uniform, very hardy, averaging in weight from 10 to 12 pounds, fine for medium and late crops. We consider it one of the finest cabbages ever introduced. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.

Buy Henderson's Snowball Cauliflower. True Seed.

*Early Winnigstadt.*

CABBAGE—Continued

- ✓ **Autumn King**—One of the best late winter varieties, heads often averaging 15 to 18 pounds. The interior of heads, creamy white; solid, and by far the best keeper. Autumn King may be planted closer together than other varieties. Leaves crimped in appearance, making this a distinct variety. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.



Danish Ball Head.

- ✓ **All Seasons**—Heads very large, solid, round. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.

- ✓ **Surehead**—This variety is always sure to make a fine large solid head, with few outer leaves; very strong grower, heads uniform, excellent for late crop. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

- ✓ **Danish Ball Head**—This variety is the best for winter use and always commands a price double that brought by other cabbages. Heads of this variety are of medium size and as hard as a stone, even the smallest heads are salable on account of their solidity. This seed is of Danish origin, and cabbage grown from this seed keeps well into the spring. The one main feature to guard against is not to let the heads

freeze. Quality is superior to all other winter varieties. No market gardener or family should be without this variety as it is unquestionably the best. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. 80c.; lb. \$3.

- ✓ **Excelsior Flat Dutch**—Old standard variety. Heads flat, solid. Very good for late crop. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.
- ✓ **Premium Flat Dutch**—Suberb winter variety, for market use. Heads flat and large, very fine for heading, ninety-five out of a hundred will head up hard. Plant on good moist, rich soil. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

- ✓ **Lupton**—This variety has been named after its originator and is largely grown on Long Island among the truckers. A fine variety for medium to late. Pkt. 5c., oz. 20c.; $\frac{1}{4}$ lb. 80c.; lb. \$3.00.



Drumhead Savoy

- **Bristol Improved**—Extra strain, suitable for heavy loam, heads large, solid and flat. Excellent for late. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

- ✓ **Large Late Drumhead**—A standard winter variety for main crop. Grows large sized heads; shape of heads round and compact, fine keeper during the winter months. Pkt. 5c., oz. 15c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

- ✓ **Drumhead Savoy**—This strain is largely grown on Long Island for New York market. Best of quality, leaves curly in appearance, of fine flavor and large heads. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.50.

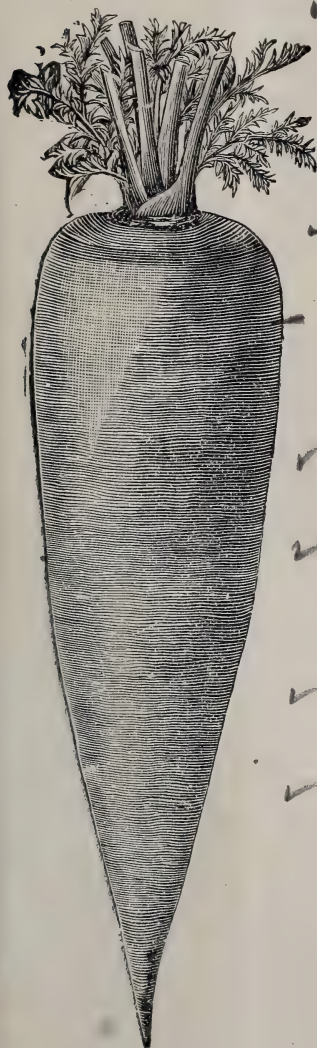
- ✓ **Mammoth Rock Red**—The best and largest of the red cabbages. Late and used largely for pickling. Retains same deep red color through the center of head. Heads growing from 10 to 12 pounds in size. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.

Try Danish Ball Head Cabbage.

CARROTS.

Culture.—Sow early sorts as soon as the ground can be worked, or for late crop, the latter part of July. Thin out early crop to five inches in a row, and late crop to six or seven inches. Rows for early crop ten inches apart; for late crop fourteen inches apart. Hoe often to keep free from weeds. Sow in rich, deep, sandy soil. One ounce for 125 feet of drill; four pounds per acre.

✓ **French Forcing Horn, Early.** This early variety is especially adapted for hotbed use. They mature earlier than any other variety. Roots shorter and of fine flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 90c.



*Intermediate, or Danver's
Pointed.*

✓ **Guerande, or Ox-Heart.**

Color bright orange, roots short and thick. This strain has exceptionally fine flavor and very desirable for table use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.



Danver's True Carrot.

✓ **Early Scarlet Horn.** Largely grown for early use, has thick short roots; one of the best early sorts. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

Danver's True. There are many varieties of so called Danver's carrot, but we offer only the true stock. This strain is very productive and an immense yielder. This carrot will produce more bushels of carrots to an acre than many of the longer varieties. Color rich orange, large at top and very smooth. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

✓ **Intermediate, or Danver's Pointed.** A medium long sort, tapering gradually from the shoulder, which averages about three inches in diameter at the top, smooth. Color bright and very productive. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

✓ **Chantenay.** This variety is half long stump-rooted, has broad shoulders and is very productive; one of the best for bunching purposes. The *Chantenay* has a tendency of being smooth and is very easily dug. Color bright yellow; one of the best for table use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **New Intermediate.** A variety growing very smooth, of medium length. Color bright orange, very productive and unequalled for table use. This new strain has proved to be one of the leaders among gardeners and truckers. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Improved Long Orange.** This old reliable sort has won its reputation among the farmers and dairymen as the best and most productive carrot to be grown for feeding cattle, etc. Grows longer than any other variety and has a deep orange color. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

CAULIFLOWER.

Culture.—Any soil that is suitable for growing cabbage will grow cauliflower. The soil must be well manured. Seed may be sown in September and wintered over same as described in cabbage, for early. Best plan to sow seed in hotbed in fall. If sown too early in fall plants will run to seed; sow seed from 10th to 20th of September, then transplant in cold frames when

plants are large enough for this purpose. One ounce will produce about 2500 plants. One-half pound to transplant for one acre.

Buy reliable tested seeds from us.

CAULIFLOWER—Continued.*Henderson's Snowball.*

Henderson's Snowball. This cauliflower is not the common Snowball many dealers put on the market, but is seed which is grown from the Henderson's True Stock and is superior to all other cauliflower. It is the earliest variety and may also be used for late. This cauliflower forms a fine white head and will head where others fail, may be planted closer together than other varieties. Careful attention in the matter of destroying insects and watering will be repaid. Pkt. 25c.; oz \$4.00.

Selected Extra Early Dwarf Erfurt. Dwarf and very solid, pure white heads of fine

quality. This variety is superior to much of the so-called Snowball Cauliflower sold. Very fine for forcing. Pkt. 15c.; oz. \$2.

✓ **Large Late Algiers.** This is one of the best large late varieties. It is largely grown for fall use, never failing to produce fine large heads. Very popular with market gardeners and canners. Pkt. 10c.; oz. \$1.

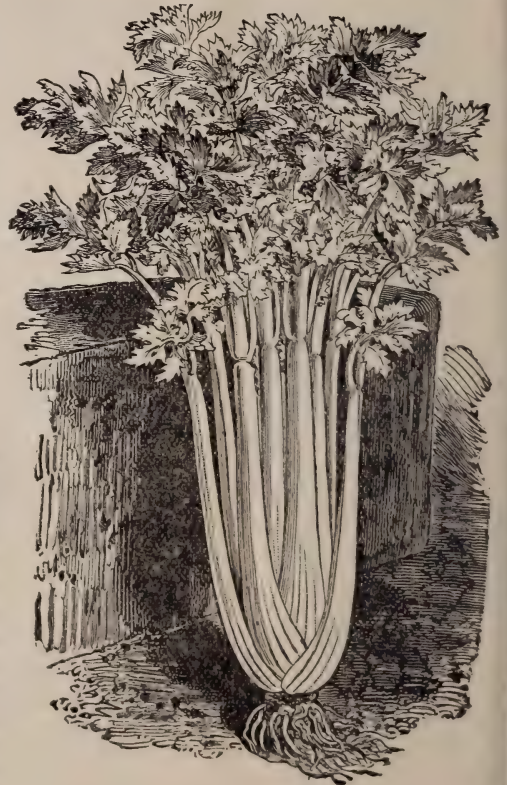
✓ **Le Normand's Short Stem.** Large, late variety, of excellent quality, stem short, mammoth heads, well formed, one of the best for late. Pkt. 10c.; oz. 75c.

CELERY.

Our Celery Seed is proven stock.

ALL CROP OF 1900.

Culture.—Sow seed in light, rich, dry border, as early as the ground can be worked, in drills 8 to 10 inches apart. Cover the seed about a quarter inch deep, roll or tread them in if dry. Transplant them as soon as possible. Keep free from weeds. Early in July transplant again into trenches into which about four inches of well rotted manure has been placed, and covered with about three inches of soil. Set plants in single rows about six inches apart. When plants are well started, work into the soil around the plants about 400 to 600 lbs. of Read's Standard Fertilizer. One ounce for about 3000 plants.

*Golden Self-Blanching. See page 13.*

Prices reasonable. All Seeds tested. Best seeds money can purchase.

CELERY—Continued

✓ **Golden Jewel**—Fine variety for early. Produces fine stalks and is self-blanching. Give this variety a fair trial and you will be convinced that it is all we recommend it to be. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

✓ **Golden Self-Blanching**—Plants of yellowish green color when young, but when they mature the inner stems and leaves turn to a bright golden-yellow, which makes an attractive appearance and much easier to blanch. This sort is used extensively by market gardeners, and for winter shipping purposes. Unquestionably the best celery to grow for profit. Our seed of this particular strain is foreign grown, which is far better than American grown seed. Pkt.; 10c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00. (See illustration page 12.)

✓ **Giant Pascal**—This green leaved variety is easily blanched and is superb for winter use. Stalks grow broad and thick, attaining a height of two feet. The stalks are of a crisp, rich, nutty flavor, color when blanched, yellowish white. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **White Plume Extra Selected Celery**—Best celery for early fall use. Leaves and heart white, requires very little banking to be ready for use. This variety is an improvement on the common White Plume, and gives perfect satisfaction. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00.

✓ **Perfection Hartwell**—An excellent large, solid growing variety of creamy white color. A fine sort for market and a good keeper. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

✓ **Boston Market, Dwarf**—Stems white, good keeper. Pkt. 20c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Crawford's Half Dwarf**—A very good variety of vigorous growth and excellent flavor. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Golden Heart**—A distinct variety, of sturdy dwarf habit. It is solid and excellent keeper, of fine nutty flavor. The heart when blanched presents a fine appearance, being full center. Very desirable for private and market use. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.50.

*White Plume.*

✓ **Pink Plume**—Similar to White Plume, but of better flavor. Superb quality, and when prepared for the table, makes a beautiful dish, stalks white, with lines of bright pink on the outside. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00.

*Large Smooth Prague.*

✓ **Large Early Erfurt**—Has edible roots, used for soups and stews. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25.

✓ **New Apple Shaped**—Has small foliage and small smooth roots, for soups. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.25.

Our Blanching Celery is Imported Seed.

CELERIAC,**or Turnip Rooted Celery**

Culture—Sow seed same season, treat same as celery, to keep over winter, pack in sand and put in cellar.

✓ **Large Smooth Prague**—The best of all Turnip Rooted Celery. Roots large and smooth, almost round. This plant is of vigorous growth, and when once used in a locality, no other variety will answer. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.



Corn Salad.

SWEET CORN.

Culture.—Plant in hills three feet apart each way and five or six kernels in a hill. Hoe often and draw soil up to stems. Break off all side shoots. Make ground rich with well rotted manure. If not enough manure, put a small handful of Read's Fertilizer in each hill. Be sure to cover fertilizer before putting on the corn. When corn begins to come up through the ground drop on each hill a handful of unleached hardwood ashes, which will greatly benefit the crop and well pay for that small expense. Planting corn at different times will enable the grower to have corn until killed by frost. One quart for 200 hills, eight to ten quarts per acre.



Perry's Hybrid.

Extra Early Varieties.

Extra Early Adams

—A very early twelve rowed dent corn. Pt. 10c.; qt. 20c.; peck. 90c.

Cory Red Cob—One of the earliest eight rowed corn, kernels large light pink. A fine early sort. Pt. 10c.; qt. 20c.; pk. 90c.

Extra Selected White Cory—Cobs white, large ears and more productive than the Red Cob Cory, although a trifle later. This strain of Selected White Cory is grown especially for us from best selected stock. Pt. 10c.; qt. 20c.; pk. \$1.00.

Troy Market—A large sweet corn, the ears measuring from 10 to 12 inches, as early as the Cory, making it desirable for family gardens, but extremely valuable for the market, where the largest early corn always brings the highest price. The grower says it is the finest sweet corn he has ever grown. Pkt. 10c.; pt. 25c.; qt. 40c.; pk. \$1.50; 5c. per ear.

Early Mammoth—Very large ears and much earlier than late mammoth. The largest early eared variety. Pt. 10c.; qt. 20c.; pk. 85c.

White Cory—Regular strain of White Cob Cory. Pt. 10c.; qt. 20c.; pk. 75c.

Perry's Hybrid Corn is the Honey Maker.

CORN SALAD, or Fetticus.

Culture.—Sow during August, or early in September, in drills one-quarter inch deep and six inches apart. If weather is dry when seed is sown, tread it lightly to secure germination. Keep free from weeds. Just before winter cover lightly with straw or leaves.

Large Green Cabbage. Best of all. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

CRESS, or Peppergrass.

Culture.—Sow Curled in shallow drills every two or three weeks, and cut often, it will continue to grow. Very useful for salad.

Curled, or Peppergrass. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 40c.

True Watercress. Sow where it is damp, near water edge, or on outside margin of hothed where it is always cool. Pkt. 10c.; oz. 35c.; ¼ lb. \$1.25; lb. \$5.00.



Early Corn.

SWEET CORN—Extra Early Varieties, Continued.

Burpee's First of All. The First of All is ready for the table *from three days to a week earlier than the Cory*, making it very desirable, not only for family gardens, but extremely valuable to grow for market, where the earliest corn always brings by far the highest prices. The ears are of medium size, well filled with grains to the very tip. In habit of growth it is rather dwarfer than the Cory, although similar in appearance, but superior in quality. Pt. 10c.; qt. 20c.; pk. 85c.

Perry's Hybrid Very early, of large size, valuable for market. One of the well known standard sorts. Pt. 10c.; qt. 20c.; pk. 85c.

Marblehead, Early—Very early, dwarf habit of growth; ears thick. Good early variety. Pt. 10c.; qt. 20c.; pk. 85c.

Early Minnesota—Not quite as early as Marblehead, dwarf, of good quality. Pt. 10c.; qt. 20c.; pk. 85c.

Second Early Varieties

Shaker's Early—Very large ears, of fine quality, grains white and quite early. Pt. 10c.; qt. 20c.; pk. 85c.

Stabler's Pedigree—This variety is excellent for main crop, ears large as Evergreen and of finest quality; one of the finest for second early. Very profitable for market or canning. Pt. 10c.; qt. 20c.; pk. 90c.

Pee & Kay—Ears of this variety large and thick, bearing a resemblance to Shaker's Early; ripens about same time. Pt. 10c.; qt. 20c.; pk. 85c.

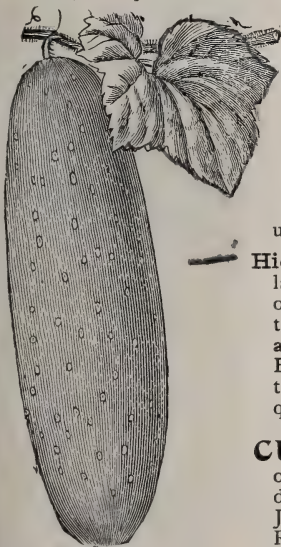
Crosby—Matures after Minnesota, ears fair size and of excellent quality; very productive. Pt. 10c.; qt. 20c.; pk. 85c.

Early Maine—Medium ears and second early, fine for table use. Pt. 10c.; qt. 20c.; pk. 85c.

Late Varieties

Stowell's Evergreen—One of the best of the late varieties of sweet corn, ears large and of excellent flavor. This variety is too well known throughout the country to need further description. Pt. 10c.; qt. 20c.; pk. 75c.

M. & W. Sugar—Late large ears, of fine quality. This variety, is largely grown by Troy and Albany market gardeners, who pronounce it an excellent late variety. Pt. 10c.; qt. 20c.; pk. 80c.



Improved White Spine.

See page 16.

Early Russian—Early sort, valuable for pickles. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

Early Cluster—Small, growing in clusters. Prolific. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

PLANT COUNTRY GENTLEMAN CORN.



Mammoth and Marblehead.

Large Late Mammoth—The name of this sort fully describes the size of the ears, they are of immense size, excellent quality; an enormous yielder, very sweet. Pt. 10c.; qt. 20c.; pk. 80c.

Champion—This variety is second early, sweet and desirable for market use, ears good size. Pt. 10c.; qt. 20c.; pk. \$1.00.

Country Gentleman—Late variety, large ears, averaging from 8 to 9 inches, cob white and small, kernels large and peg-tooth shaped; one of the best. Pt. 10c.; qt. 20c.; pk. \$1.00.

Black Mexican—Kernels black, delicious flavor, fine for home use; one of the sweetest varieties grown. Pt. 10c.; qt. 20c.; pk. \$1.

Hickox Hybrid—Earlier than Stowell's Evergreen, and makes a large, attractive ea. of very white and handsome grain. It is one of the best varieties for canners' use. By planting it at the same time as Stowell's Evergreen the season will be lengthened considerably, as the Hickox will be about through by the time Stowell's Evergreen comes in; very prolific, ordinarily every stalk will have two large, fully developed ears. The best sort for drying. Pt. 15c.; qt. 20c.; pk. \$1.00.

CUCUMBER.

Culture—For early, sow in pots in hot-beds, or berry boxes. Cut corners of boxes and set out, when there is no danger from frost, in good rich soil. For general crop, plant about June 20th, in hills 3x6 feet, with manure in each hill or a handful of Read's Standard Fertilizer, which will start the vines bearing quicker than manure; cover fertilizer, then drop six to eight seeds in hill. Thin to four or five. One ounce to fifty hills; three quarts per acre.

CUCUMBERS—Continued.

✓ **Early Frame, or Short Green.** Fine for pickling. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.

✓ **Improved White Spine.** Best for general crop, and unquestionably the best for all purposes. May be used under glass with good results. Best for pickling purposes, or first crop for cucumbers. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 45c. (See illus., page 15.)



New York Improved Spineless.

✓ **Arlington White Spine.** The earliest for pickling. The Arlington is largely used by market gardeners and is a leader. Some claim it is fully as good as White Spine. It is one of the best. Very productive. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 45c.

✓ **Peerless White Spine.** Very early strain. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.

✓ **Nichol's Medium Green.** A very fine table sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Long Green.** Long and crisp. A popular and standard variety for pickles. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.

✓ **Early Green Prolific.** Dark green, and one of the best for pickling. Very productive and of uniform small size. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 45c.

✓ **Boston Pickling.** A favorite eastern sort, of superb quality. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.

✓ **Westfield's Chicago Pickling.** One of the best for late planting. A well known Western variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 45c.

EGG PLANT.

Culture.—Sow in hotbeds very early in spring, and transplant when two inches high into two inch pots. If this is not done, thin to four inches apart. Do not plant out until weather becomes perfectly settled and warm. Set out plants three by two feet. One oz. for 1000 plants.

✓ **New York Improved Spineless.** This variety is vastly superior to the old variety. Habit of the plant is low and branching and is quite free from spines, both plant and calyx, which are largest size and perfect form; fully two weeks earlier than common variety. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

ENDIVE.

Culture.—Sow in June and July. Cover lightly; thin to eight inches apart. When leaves are from 6 to 8 inches long, blanch by gathering them together and tying at top with yarn. One oz. for 200 feet of drill or 2000 plants.

✓ **Green Curled.** This is the main standard variety for fall and winter use. Very tender and crisp leaves, growing about 9 inches in length. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50.

✓ **Broad Leaved Batavian.**—This variety is distinct from the Green Curled variety, having broad wrinkled leaves. Very productive and delicious. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.



Curled Endive.

New York Improved Spineless Egg Plant is the Best.

HERBS.

- Summer Savory.** Used as culinary herb. Oz. 10c.; $\frac{1}{4}$ lb. 30c.
- Sage.** Used as culinary herb and medicine. Oz. 15c.; $\frac{1}{4}$ lb. 50c.
- Thyme.** Broad-leaved English, used as seasoning. Oz. 25c.; $\frac{1}{4}$ lb. 80c.
- Sweet Marjoram.** Used as seasoning. Oz. 20c.; $\frac{1}{4}$ lb. 70c.
- Caraway.** Used in flavoring liquors and bread. Oz. 10c.; $\frac{1}{4}$ lb. 30c.
- Dill.** Seed used for flavoring vinegar. Oz. 10c.; $\frac{1}{4}$ lb. 30c.
- Saffron.** Used as a medicine, also for dyeing. Oz. 15c.; $\frac{1}{4}$ lb. 50c.
- Wormwood.** Used for medicinal purposes. Oz. 30c.; $\frac{1}{4}$ lb. \$1.

*Kale, or Borecole.***KALE, or Borecole.**

Culture.—May be grown on most any soil, but the richer the soil the more productive.—If wanted for early, sow about July 15. This is more tender than any of the cabbage family and would be grown more extensively were its merits fully known.

*Kohl-rabi.*

Dwarf Green Curled. Dwarf spreading variety. Very curly and will stand out over winter where temperature does not go below zero. Color bright green. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. \$1.00.

Tall Scotch Curled. Taller variety of the above. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. \$1.00.

KOHL-RABI.

Culture.—No garden is complete without this vegetable. Sow in spring in rows eighteen inches apart. Thin plants from eight to ten inches. If the weather is wet and cool the plants may be transplanted that have been used in thinning, but are very hard to make grow. Keep free from weeds. Cook same as turnips.

Early White Forcing. Very useful for general culture. May be planted close together. The best for forcing. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

*Leek.*

Early White Vienna. Has beautiful white ball and is fit to use when ball is 3 or 4 inches in diameter. Flesh white and tender. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

Early Purple Vienna. Similar to the white in form, size, etc. The main difference being the color of bulb, which is purple. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 75c.; lb. 2.50.

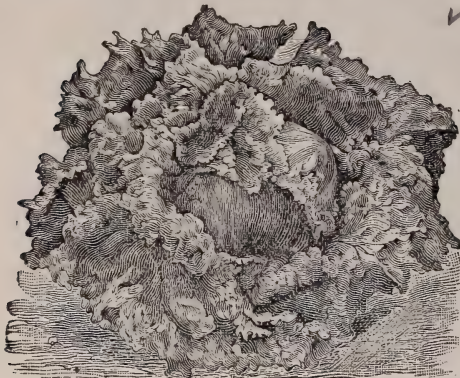
LEEK.

Culture.—Sow very early in spring, in drills six inches apart, and one inch deep. Thin out to one inch. When about seven inches high, transplant them into rows twelve inches apart, and as deep as possible, but do not cover the tender centre leaves. Draw earth to them as they grow. Plant in rich soil. Seed may also be grown in September, and young plants transplanted in spring to where they are to remain. One ounce for 1000 plants.

Our Prices are as Low as Good Seed can be Sold.

LEEK—Continued.

Broad American Flag. Very hardy and productive. This variety is largely used among the gardeners and truckers, who pronounce it the best of the leek family. Oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50.

*Lettuce.*

Large Rouen. A standard sort with broad leaves and short stem, an excellent large variety for market use. Oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Scotch Musselburgh. The largest and most prolific of the leek varieties; a superb and vigorous sort. Treat this variety same as the above sorts. Oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

LETTUCE.

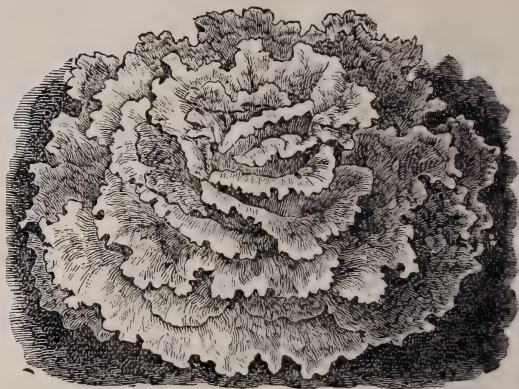
Culture.—For early forcing, sow in hot-beds in March, and transplant into open ground as soon as it can be worked. Every two weeks sow new piece of the same varieties, and you will always have fine lettuce. For early crops, seeds may be sown in September and trans-

planted into cold frames, and wintered over same as Cabbage. Have ground well manured. The profits will pay big for extra labor and cost. One ounce for 3000 plants.

Big Boston for Forcing. This variety of lettuce is considered by many of the gardeners the only lettuce to grow in the greenhouse for a winter crop. We have taken special pains to purchase a strain of seed that will produce the finest of heads, and have without doubt the requirements in this strain. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50.

Grand Rapids Forcing. Heads medium size, tender and crisp, a superb hot-house variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25.

New York Market Gardener. Fine heads, very solid and crisp, fine for frame work. Matures sooner than Grand Rapids. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

*Grand Rapids.**Paris White Cos.*

(See page 19.)

Hanson—Heads very large and solid, sometimes weighing 2 to 3 pounds. Withstands the sun well. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Deacon—Excellent for early and summer use, forms large heads, very solid, of light green color. Tender quality. The best. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Early Prize Head—Large, loose heads, tinged with brown; very early. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Boston Market—An improvement on White Seeded Tennis Ball, large heads, fine for forcing. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25.

Henderson's New York Cabbage—Large, solid heads, slow to run to seed. Often grows eighteen inches in diameter, heads weighing nearly four lbs. It blanches itself, and is very tender and crisp. Not a forcing variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Salamander—Fine compact head which resists the summer heat more than any other lettuce. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$2.00.

Try the Hanson Lettuce for Summer.

LETTUCE—Continued.

✓ **Early Curled Silesia.** Very early, tender and crisp, fine for hotbeds. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.

✓ **Early Curled Simpson.** A well known standard variety. One of the best curly lettuces grown. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

✓ **Black Seeded Simpson.** Does not form compact heads, but masses the leaves, withstands heat excellently. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

✓ **Boston Curled**—A superb variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00

✓ **Tennis Ball, Black Seeded**—Forms close, hard heads; for forcing, Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

✓ **Paris White Cos**—Fine for tying up and blanching. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00. (See illustration on page 18.)

MELON. (Musk.)**Green Fleshed Varieties.**

Culture.—Plant in the spring, in hills 5 or 6 feet apart each way, well manured with old rotten compost. Scatter a dozen seeds to a hill, and after they are out of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the end of the main shoot, which will cause the lateral branches to put forth sooner; it will strengthen the growth of the vines, and the fruit will come earlier to maturity. A light, dry, sandy soil and a dry atmosphere are most suitable. Melons should not be planted near any other varieties if it is desired to preserve them pure. They have arrived at perfection when the stem will cleave from the fruit. A very rough netted skin is a most sure indication of high-flavored fruit. The varieties are numerous, but the following are the most esteemed. One oz. for 60 hills, 2 to 3 lbs. per acre.

✓ **Corning's Albany Market.** This superb variety of melon is the leading melon in Troy and Albany markets. We wish to announce to our customers that we will have an abundance of this melon this season to supply the wants of all who may wish to plant this superb variety. Characteristics of this melon being green-fleshed, rich and juicy. Very early. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

✓ **Jenny Lind—Improved.** An extra early, green-fleshed melon, one of the sweetest in cultivation. Fruit not over large, globular, flattened on ends, ribbed and covered with shallow netting. Excellent for hotel and restaurant use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 60c.

✓ **New Early Hackensack.** Fruit is medium, size nearly round with deep ribs and very coarse netting. Flesh green and juicy. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.

✓ **Baltimore Market.** Oblong, flesh green, fine flavored, coarsely netted. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.

Salmon Fleshed.

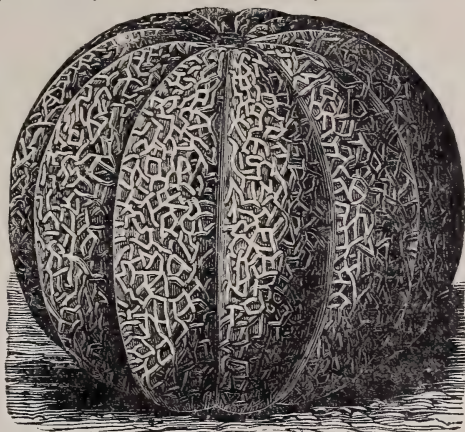
— **Banquet.** The Banquet is a medium sized melon, flat at both ends more beautifully netted than

any other known variety. Quality has no equal; color dark rich salmon. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb.; 30c.; lb. \$1.

✓ **M. & W. Extra Selected Surprise.** Very early, oblong, with rich orange flesh of superb quality, one of the best melons in cultivation. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

✓ **American Breakfast.** Fine for early market. A superb variety of beautiful form, exquisite flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Try CORNING'S Albany Market Musk Melon. It's fine.



Corning's Albany Market.



Musk Melon.

MELON (Musk)—Continued.

✓ **Miller's Cream.** The flesh is rich salmon color, very rich, sweet and thick; rind very thin, finely netted; one of the best. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

✓ **Princess.** Similar to Miller's Cream. Superb variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c. lb. 60c.

✓ **Delmonico.** This variety, the vines are hardy and very thrifty growth, oval in shape, ripens thoroughly to the rind; color orange-pink. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Osage.** Medium sized, oval shape, flesh salmon, very thick, being but a slight cavity in centre of largest melon. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

✓ **Surprise.** Oblong, rich orange flesh, excellent quality. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.

✓ **Orange Christiana.** Flesh yellow, very rich and sweet. One of the leading round varieties. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.

✓ **Emerald Gem.** This old reliable sort has been in cultivation for a long period and has won merit among the growers; small, extra early, sweetish flesh. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.

— **Extra Early Grand Rapids Musk Melon—Very early.** Matures a full week earlier than any other sort and is profitable on that account. The flesh is yellow almost to the rind. Skin finely netted. The Grand Rapids is the earliest of all melons large or small. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

✓ **Rocky Ford**—This has become one of the most popular of small or basket melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and high flavored. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c. lb. \$1.00.

✓ **Long Island Beauty (Green Flesh)**—This is a new variety of the Hackensack type. It was originated on Long Island. It is claimed for this variety that it is early as Extra Early Hackensack and is a much better melon; the flesh is thicker and sweeter. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

✓ **Montreal Market**—Fruit of the largest size, often measuring twelve to fourteen inches in diameter; spherical, or slightly oval in shape, with regular, shallow ribs, and sparsely covered with netting; flesh light green, very juicy, sweet and of excellent flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

New Musk Melon—"The Paul Rose."—The fruit is nearly round or slightly oval, rather larger than Netted Gem, ribbed and heavily netted; of a light green or faint golden hue when fully ripe. The flesh is thick, of rich deep orange color, and ripens close down to the rind, with small seed cavity. The flesh is much firmer than that of the Emerald Gem, while possessing similar delicious flavor. Pkt. 5c.; oz. 10c., $\frac{1}{4}$ lb. 25c.; lb. \$1.00.

MELON (Water.)

Culture.—Treat same as musk melon, except that they should be planted eight or ten feet apart, according to variety. One ounce to thirty hills; four to five pounds per acre in hills.



✓ **Early Fordhook.** An extra early melon of fine flavor and large size. From seed sown May 10th ripe melons were picked the last week in July. Color uniform medium green, seeds white, flesh red and sweet, average weight of melons 30 to 40 lbs. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Seminole.** This new melon originated in Florida. It shades from gray to green in color; all same size shape and flavor. It has four distinctive qualities—extra early, very productive, extra large, fine flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20; lb. 50c.

✓ **Phinney's Early**—Early, flesh red, of superior quality. Oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c.

✓ **Peerless**—Large, very fine, productive. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Hungarian Honey**—An early sort; fine for north, flesh red. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Water Melons.

Plant the Rocky Ford Musk Melon.

MELON (Water)—Continued

- ✓ **Improved Mountain Sweet**—Flesh red, late reliable. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.
- ✓ **Vick's Early**—Fine early variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.
- ✓ **Dark Icing**—Solid, with thin, dark green skin, early; seed white. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.
- ✓ **Black Spanish**—Large, roundish, nearly black, dark red flesh, very early. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.
- ✓ **Citron for Preserving (Green Seed.)**—Round and handsome and of good quality. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Citron for Preserving (Red Seed.)** Similar to above variety, with seeds red. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

NASTURTIUMS

Tall.....	Pound	75c	2 oz. 15c.	1 oz. 10c.
Dwarf.....	"	\$1.00	2 oz. 15c.	1 oz. 10c.

OKRA, OR GUMBO

Culture—Sow in drills about two inches deep in May, then plant from two to three feet in rows.

✓ **White Velvet.** This variety is a great improvement over the old White or Green. Plant is of medium height, bearing a large crop of white smooth tender pods. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

✓ **Dwarf Prolific.** The longest podded variety, grows two feet high, has pods one foot long, thick and fleshy. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 65c.

ONION.

Okra, White Velvet.

Culture.—Sow seed in deep, rich, loamy soil, plow soil well and cover the autumn before sowing with a heavy coat of well rotten manure, level the ground as early in the spring as possible. Sow thinly in drills about one-quarter of an inch deep and one foot apart, press down with back of spade or very light roller; thin plants from three to four inches apart, work well and keep free from weeds; do not stir soil too deeply. One ounce for 100 feet of drill; five or six pounds per acre in drills.

✓ **Extra Selected Improved Yellow Globe Danvers.** This selected strain of seed is grown *only* from selected globe shaped bulbs. It has proven in years past to be a better strain than can be bought from the regular seedsmen. These, however, are grown for us by experienced growers, and for this reason we say this seed is the *best*. Once purchasing onion seed from us, makes you a regular customer. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

✓ **Improved Yellow Globe Danvers**—A very fine globe shaped onion. This seed is *not* the same as the Selected stock. Onions are not all perfect globe shaped as the above sort. However, this strain is a great improvement over the common well known Yellow Globe Danvers, and gives perfect satisfaction. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c. lb. \$1.50.

✓ **Yellow Dutch**—A flat yellow onion, a good yielder, but not so desirable as other yellow sorts on account of its color and shape. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

✓ **Ebenezer Onion**—Seed grown from true bulbs under our care. We can recommend this as one of the best winter onions, it is similar to the Yellow Globe Danver's, much larger and a fine keeper. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

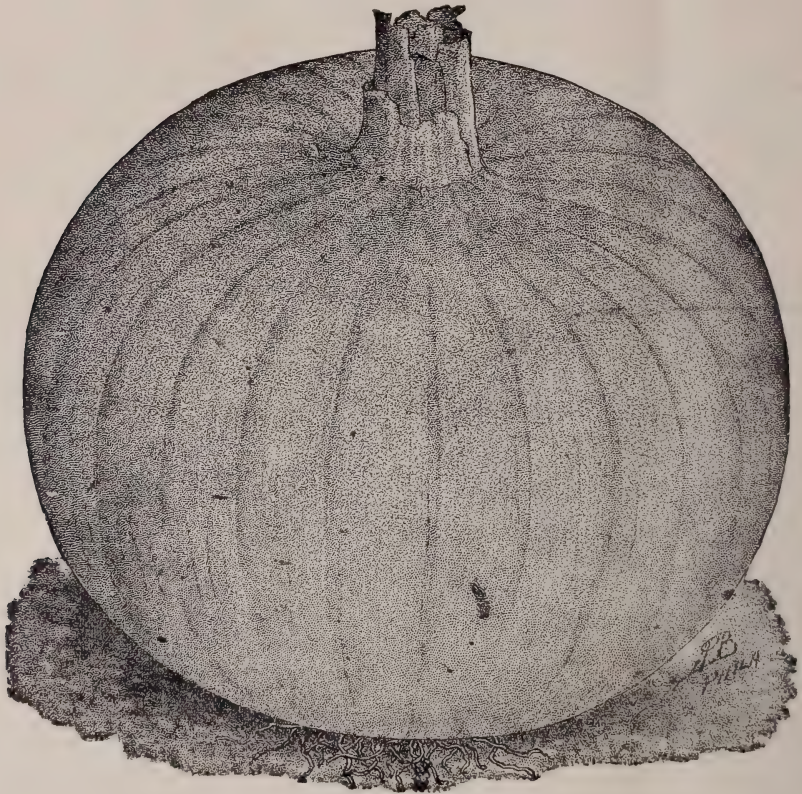
ONIONS—Continued.

- ✓ **Campbell's White Dutch Onions for Bunching**—Ready for the market two or three weeks earlier than the set onion. Sown in the spring the same as the ordinary onion seed, and is cultivated the same as the ordinary onion.

Early in August pull and cut off the root and about one half of the top, then transplant the same as ordinary onion sets and leave them in the ground all winter. The following spring they are ready for the market as soon as the frost is out of the ground. They do not form a bulb, but multiply and in many cases one multiplier in the fall will make one bunch in the spring.

For winter use plant in hot bed in August and cover with glass before frost, and fine bunching onions will be produced all winter. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.; lb. \$4.00.

- ✓ **Large Red Wethersfield.** This medium early variety is the most profitable red onion for market gardeners' use. Some markets require a red onion. This seed is grown from fine large onions. If you use a red onion give our strain a trial. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.40



Extra Selected Improved Yellow Globe Danvers.

- ✓ **Large White Portugal or Silverskin.** Best white onion for bunching; used chiefly by market gardeners and truckers. Bottoms early, making it a very profitable variety, very mild, of excellent flavor. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

- **Burpee's Australian Brown Onion**—This is the earliest ripening variety, producing large bulbs. The bulbs are quite thick through; skin deep reddish brown; flesh white, tinted with purplish pink; sweet and mild. It is the most profitable to grow for market, as well as for home use, because it can be kept in the best condition through the winter without difficulty. The bulbs have been kept in fine condition for more than a year after harvesting. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb.; \$1.75.

- ✓ **Southport Large White Globe**—This onion is fine, globe shaped, pure white and an excellent keeper, quality one of the best; used by some for bunching. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

Best Onion for Bunching, Silverskin.

ONIONS—Continued

✓ **Southport Large Yellow Globe**—Very fine, large yellow onion, excellent for main crop; largely grown for shipping purposes; excellent for keeping. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.50.

✓ **Southport Large Red Globe**—Superb red onion for winter, globular in shape, thin neck, dark red. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Prize Taker**—One of the best standard varieties. Its immense size will recommend it to all. The exterior color is pale yellow-white, the interior a clear sparkling white. Matures early and is of mild flavor. Big yielder. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

ONION SETS

White	Pk. \$1.00	4 qt. 60c.	2 qt. 35c.	1 qt. 20c.
Yellow	Pk. .90c	4 qt. 50c.	2 pt. 30c.	1 qt. 15c.

PARSLEY.

Culture.—Soak the seeds a few hours in lukewarm water, and sow early in spring, and until the middle of July, in drills one foot apart. Thin to four inches.

✓ **Champion Curled.** A well-known standard variety, very curly and of best quality. Unquestionably the best parsley for growing in hothouse. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 70c.

Double Curled. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 70c.

PARSNIP.

Culture.—Sow in rich soil in drills about 18 inches apart, as early in the spring as the ground can be worked. The ground should be well worked, thin to 6 or 8 inches in the row. Keep free from weeds. One oz. to 100 feet of drill; 5 to 6 lbs. per acre in drills.

✓ **Guernsey Half-Long.** Fine early variety, one of the best. Tender and sweet. Fine market garden variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.



Large White Portugal, or Silverskin.

See page 22.

✓ **Hollow Crown, or Sugar.** Best market gardeners' strain. Excellent quality, white, and remarkably free from side shoots. Unquestionably the best. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.

PEAS.

Culture.—Sow in light, dry soil, not over rich. Sow as early as the ground can be worked, and again every ten days in succession up to the first of June, after which there is danger from mildew. Sow in single or double rows, four to six feet apart, according to height of peas. Dwarf varieties may be grown in beds same as bush beans and about the same distance apart. One quart to 75 feet of drill; 2 to 3 bushels in drills per acre.

Peas, Extra Early Varieties.

Those marked (*) are wrinkled varieties.

Parsley, Champion Curled.



Our Seeds are Best. We Import Direct from Europe.

PEAS—Continued.

Daniel O'Rourke. Extra early market gardeners variety. One of the best for early market.

Height 2 to 2½ feet. Pt. 15c.; qt. 25c.; pk. \$1.00.

✓ **Alaska.**—A smooth variety, very early, if not the earliest pea in cultivation. Very sweet and a big yielder. Pronounced by many growers the best for early market use. Finest blue seeded variety, seed round, blue, height, 2½ feet, slightly pitted. Pt. 15c.; qt. 25c.; pk. \$1.25

✓ **First of All**—Seed round and white. Very productive; height, 2½ feet. Pt. 15c.; qt. 25c.; pk. \$1

Early Varieties.

Alaska.

See page 23.

smooth, grows from 2 to 2½ feet high. Pt. 15c.; qt.

25c.; pk. \$1.00.

✓ **Long Island Mammoth**—Enormous pods and peas of first quality. Very popular with Long Island gardeners. Pt. 15c.; qt. 25c.; pk. \$1.25.

✓ **Nott's Excelsior.** Robust and vigorous in growth, producing in profusion long handsome pods, closely packed with large peas of fine flavor. A great improvement on American Wonder, with larger pods and more peas than either the Wonder or Premium Gem. Seeds green and wrinkled, square at end, height 12 inches. Pt. 15c.; qt. 30c.; pk. \$1.50.

✓ **American Wonder.** Vigorous, productive, with dark luxuriant foliage, responding generously to high culture. Very desirable and popular for private gardens. Seeds green wrinkled; height, 9 inches. Pt. 15c.; qt. 25c.; pk. \$1.

✓ **McLane's Little Gem.** Similar to Premium Gem, but more straggling in growth, pods fairly well filled. Height, 18 inches. Seeds green, wrinkled. Pt. 15c.; qt. 25c.; pk. \$1.40.

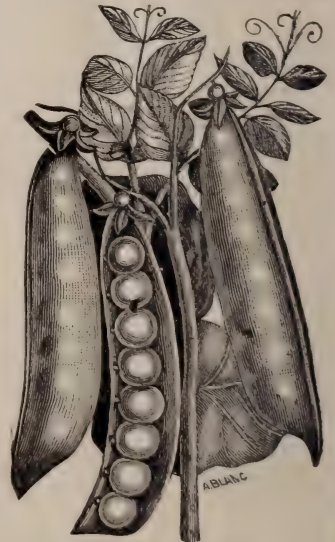
✓ ***Extra Early Premium Gem.** Probably no pea of this class has been more universally and deservedly popular in America. Hardy, prolific, uniform in habit of growth, pods borne singly on both sides of the stalks, beginning near the ground, about a week later than American Wonder. Seeds green, wrinkled; height, 14 inches. Pt. 15c.; qt. 25c.; pk. \$1.50.

— **Surprise.** This early smooth variety is one of the best market sorts, being extremely early. Heretofore, the Surprise has been listed by many as a wrinkled sort, this is not the case, all true Surprise peas are smooth. Height, 2 feet. Pt. 15c.; qt. 30c.; pk. \$1.50.

— **Maud S.** This undoubtedly is the best first early pea of the smooth variety ever introduced for early market. Height 2½ feet, bearing abundantly large straight pods, filled with peas of superior flavor. Try Maud S. this season. Pt. 15c.; qt. 20c.; pk. \$1.

✓ **New Lightning.** Similar to Daniel O'Rourke in looks and growth, but better quality of peas. Height, 2 feet. Pt. 15c.; qt. 20c.; pk. \$1.

✓ **First and Best.** The *first*, because it is the earliest, the *best*, because it bears more peas of better quality than other early sorts. Peas



First and Best.

Our Peas are all Northern Grown.

PEAS—Continued.

✓ ***Heroine.** Introduced by Peter Henderson & Co., and is an extremely popular variety. Elegant habit of growth, pods remarkably long, slightly curved, peas of fine flavor, apparently as good as Stratagem for all purposes, while far superior to that variety in habit as it comes true. Height, two feet; seed green and very much wrinkled. Pt. 15c.; qt. 25c.; pk. \$1.25

✓ ***Paragon.** Large medium early pea, very productive. Pt. 15c.; qt. 25c.; pk. \$1.25.

✓ ***McLane's Blue Peter (True).** Hardy, uniform, robust and fairly productive. Pods broad, slightly flattened, borne at the top of the vines, peas of good flavor, seed round, flattened; height, ten inches. Pt. 15c.; qt. 25c.; pk. \$1.25.

✓ ***McLane's Advancer.** A great favorite among the market growers. Large pods, well filled, of finest quality of peas, peas being borne on top of stalk, makes them easy to gather. Height, two feet. Seeds green, wrinkled, about one week later than Premium Gem. Popular canning variety. Pt. 15c.; qt. 25c.; pk. \$1.25.

✓ ***Horsford's Market Garden.** Resembling habit and growth of Premium Gem. One-third longer, ten days later, pods produced in pairs in great profusion. Much used by canners to succeed Advancer. Height, twenty inches, green and wrinkled. Pt. 15c.; qt. 25c. pk. \$1.25.

✓ ***Dwarf Champion**—Excellent well known dwarf variety. Pt. 15c.; qt. 25c.; pk. \$1.25.

— ***Everbearing**—Vigorous and branching in habit of growth, season late, pods fair size, peas large and of good quality, height two feet, seeds green and wrinkled, flattened. Pt. 15c.; qt. 25c.; pk. \$1.25.

— **Philadelphia Extra Early**—This superb variety was first originated among the Philadelphia market gardeners, and now has won favor by all who grow it. Height 2 feet. Pt. 15c.; qt. 20c.; pk. \$1.

✓ ***Extra Early—"Gradus"**—This pea yields an abundant supply of delicious, large, wrinkled peas much EARLIER than any other wrinkled variety, and only three or four days after the small, round, extra earlies.

It is the earliest large-podded pea in cultivation, while the peas are of the most superior quality, both in size and delicious flavor.

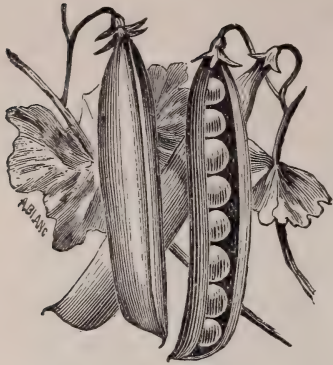
The vine has heavy stems, with large, dark-green leaves, and grows three feet in height. It produces uniformly large pods, measuring four to four and one half inches long nearly round, and well filled with large, handsome peas. The peas remain edible, tender and sweet for some time. Pt. 30c.; qt. 40c.; pk. \$2.50.

✓ ***Gregory's Surprise**—This new Extra Early wrinkled pea is certain to become very popular. The vine is no taller than those of the best strains of First and Best and is as early, continuing longer in condition for use. The pods are like those of the Alpha and the peas are exceedingly tender, sweet and good flavor. It is unsurpassed in quality. Pt. 20c.; qt. 35c.; pk. \$1.75.



Our Peas are all Northern Grown.

PEAS—Continued



Pride of the Market.
See page 26.

Main Crop, Medium and Late.

✓ **Allen's Dwarf Telephone.** We offer for the first time this new dwarf pea. Height, under high culture, eighteen inches. Habit, dwarf and stocky, healthy and vigorous, uniform in height and almost no tendency to sport, very productive, plants frequently bearing from five to seven pods. Season medium, from five to ten days earlier than Stratagem; pods very long, frequently five inches in length; broad, straight, rounded or curved at the ends, well filled, often containing ten peas. Color, pale green, thick and of good lasting qualities for market purposes. Seeds of largest size, tender and of delicious flavor; seeds when dry, light green and much shriveled and shrunken. We offer this new dwarf pea to our customers as it will surely become very popular and fill the long felt want. Try them. Pt. 25c.; qt. 35c.; pk. \$2.00.

✓ ***Telephone.** Vines and leaves large and coarse, large light green pods, nearly straight, produced singly, well filled with large tender peas, sweet and of good flavor. This variety is very popular among gardeners. Some strains of this pea have proved to be quite badly mixed with sports, but our stock will be found to be quite pure and true. Height, 3½ feet. Seeds light green, very wrinkled. Pt. 15c.; qt. 25c.; pk. \$1.25.

✓ ***Pride of the Market.** This superb variety is largely grown on Long Island for New York market. Habit of growth resembles Stratagem, only deeper green in color. Quality of peas very fine; height, two feet; seed green, dented. This variety is strongly inclined to sport. We can say for our stock that it is equal to any offered. Pt. 15c.; qt. 20c.; pk. \$1.



American Wonder.
See page 24.

✓ ***Tuxedo—Late variety;** hardy, vigorous, upright in habit, produces abundantly, flavor of peas of first quality. Seed white, wrinkled and flattened, height, 2½ feet. Pt. 20c.; qt. 35c.; pk. \$2.00.

✓ ***Stratagem Improved—A great favorite** among private and market gardeners. Vigorous habit, superb foliage, a heavy cropper; height, two feet; seeds large, green, wrinkled. Pt. 15c.; qt. 30c.; pk. \$1.40.

✓ ***Champion of England—An old favorite** sort; peas large, tender and sweet; pods large and broad; seed light green, very much wrinkled; height, four feet. Pt. 15c.; qt. 20c.; pk. \$1.00.

✓ ***Yorkshire Hero—Hardy and productive;** peas large and of good quality, late; seeds large, green, wrinkled; height, 2½ feet. Pt. 15c.; qt. 20c.; pk. \$1.00.

PEPPER.

Culture.—Sow in hotbed in March, and when the soil has become warm, set in rows two feet by eighteen inches, and keep free from weeds

PEPPER—Continued*Ruby King.*

Culture.—May be planted among the field corn or in hills eight or ten feet apart each way; four seeds in a hill. Cultivate same as melons. Avoid planting near other vines. One pound for 200 hills.

Large Cheese. Flat, and one of the best for family use. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

Large Field. Best cropper. Oz. 5c.; $\frac{1}{4}$ lb. 5c.; lb. 10c.

Mammoth Tours—French. Grows to an immense size, often weighing over 100 pounds. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Jonathan—One of the best crook-neck pie pumpkins ever placed on the market. Large yielder. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

Small Sweet Sugar—Fine, sweet and prolific. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

Large Squash—Productive, fine. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

Red Cluster—Upright, bright red fruit. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.50.

Long Cayenne—Very productive. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Ruby King—One of the best red, mild, and large fruit. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.50.

Sweet Mountain, or Mammoth—Large, regular, and of mild flavor. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.50.

Large Bell, or Bull Nose—Large and mild, Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.50.

PUMPKIN*Large Cheese Pumpkin.***RADISH. (Early Varieties.)**

Culture.—Sow in spring, as soon as ground will permit, in light, dry, rich soil, in rows eight to twelve inches apart, and for a succession every week or ten days up to the middle of June. Sow from eight to ten pounds per acre. One ounce to 100 feet of drill; nine to ten pounds in drills for an acre.

*Scarlet Turnip Forcing Radish.***Best French Seed.**

Vick's Scarlet Globe Forcing. This excellent radish is unquestionably the best for growing under glass and early frames. This strain has been found by all who tested it this season to be *the best*. Market gardeners order as high as fifty pounds at a time. This without doubt is all we claim for it. We offer only best selected seed. Sow this remarkable strain and you will sow no other. Color deep scarlet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

Extra Early Scarlet Forcing. Very early, excellent. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

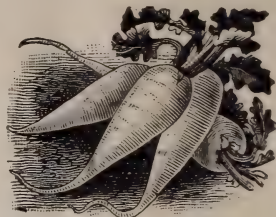
Extra Early Scarlet White Tip Forcing. For frames or hotbeds. Oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Extra Early Deep Scarlet Turnip Forcing. Matures in twenty days. Fine also for frame or hothouse culture; very small top, bottoms nicely, deep rich red color; flesh white and crisp. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Our Strain Vick's Scarlet Globe Radish is Superb.

RADISH (Early Varieties)—Continued.

- ✓ **Early Carmine Olive Shaped Forcing**—Beautiful, superb sort, excellent for table use and a fine market variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.
- ✓ **Early White Turnip Forcing**—Flesh pure white and sweet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.
- **Philadelphia White Box Forcing**. Pure white, excellent. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Early Yellow Turnip Forcing**. Dull yellow, flesh fine. (New). Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.
- ✓ **Early Scarlet Turnip White Tip**. Bright scarlet, fading to white at base. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.
- ✓ **Early Scarlet Turnip**. Mild and unsurpassed in flavor. Similar to Deep Scarlet, which, however, is better for forcing. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Rosy Gem**. Superb, and of mild flavor. This Rosy Gem radish is rightly named "Gem," as it is a *gem*, and is grown very extensively. Give this radish a fair trial and you will always use them. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

*Early Yellow Radish.*

- ✓ **Early Deep Scarlet Turnip**. Distinct shape, very fine. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Early White Turnip**. An old standard sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Early White Olive Shaped**. Mild, and fine for summer. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

*Beckert's Chartier.*

- ✓ **Early Yellow, Olive Shaped**. A new sort, of fine quality. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

- ✓ **French Breakfast**. Pink and white, very fine. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

- ✓ **Wood's Early Frame**—A good long variety for forcing. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

- ✓ **Long Scarlet Short Top**—Long and crisp, frames or open ground. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

- ✓ **Long White Vienna or Lady Finger**—Crisp and tender in summer. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

*Black Spanish Winter.*

See page 29.

- ✓ **Early Deep Scarlet, Olive Shaped**—Very good, reliable. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 30c.; lb. 50c.

RADISH—(Summer)

- ✓ **White Strasburg**—Very large, the German's favorite. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

- ✓ **Long White Naples**—Slender, for summer use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

- ✓ **Long White Globe**—A good sort for summer use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

- ✓ **Yellow Summer Turnip**—Very popular for market. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

- ✓ **Golden Globe**—Superb. Packet 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 60c.

- ✓ **Beckert's Chartier**—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c. (See illustration, page 28.)

*Mammoth Sandwich Island*

Try ALLEN'S Dwarf Telephone Peas.

RADISH—(Winter)*Large Victoria.*

✓ **Chinese Rose Winter**—One of the best winter varieties. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Round Black Spanish**—Largely grown for late fall and winter use; an excellent radish for keeping. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Long White Spanish**—Fine fall variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb.; 20c.; lb. 60c.

✓ **Improved Long Black Spanish**—Flesh white and crisp, one of the best for early fall and winter. Pkt. 5c.; oz.; 10c.; $\frac{1}{4}$ lb. 25c.; lb. 60c.

RHUBARB

✓ **Large Victoria**—Very large and somewhat later than the small varieties; plant in very rich soil. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

SALSIFY, or Oyster Plant.

Culture.—Sow early in spring, in drills one foot apart and about one inch deep. Thin out to six inches in the row. Keep free from weeds. Sow eight to ten pounds to the acre.

✓ **Sandwich Island Improved Mammoth.** Large and superior, fine. Oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.50.

Long White. Superb sort for early spring use. Oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.

SPINACH.

Culture.—Sow in early spring in drills one foot apart, ten to twelve pounds to the acre. For fall use, sow in August. For winter crop, sow in September. Cover that which is left out with straw or weeds after the weather becomes quite cold. One ounce for 100 feet of drill; ten to twelve pounds in drills per acre.

✓ **Round Thick Leaved.** Has very large and thick leaves. Fine market sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 25c.

✓ **Long Standing.** Best for spring. Dark green, and stands longest before running to seed. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.

✓ **Savoy.** Leaves wrinkled. Yields twice as much as round leaved. One of the best. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 25c.

✓ **Prickly, or Winter.** Vigorous and hardy. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.

✓ **New Giant Crimped Leaf**—Pkt. 5c.; oz.; 10c.; $\frac{1}{4}$ lb. 15c.; lb. 25c.

*Spinach, Long Standing.***SQUASH.**

Culture.—Do not plant until weather is warm and settled. Plant in rich sandy soil; put in each hill a shovel of well rotted manure, work same as melons, thin out to three or four strong vines. One ounce for thirty hills; four to five pounds per acre.

✓ **Fordhook Squash**—The flesh of this squash is very dry and sweet. It is one of the earliest winter varieties, and if stored in a cool, dry place will keep until the following June. The outside color is bright yellow; inside color straw yellow. The skin is so thin that it need not be removed for cooking. The meat is thick and the seed cavity small. The green squashes can be used at any stage of their growth. This squash is easily grown on all soils, and is valuable for home or for market. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c.

✓ **Golden Hubbard**—A bright, orange red form of the celebrated Hubbard, which nobody can afford to miss. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

Try our New Crimped Leaf Spinach.

SQUASH—Continued

✓ **Chicago Warty Hubbard**—A selected strain of the Hubbard Squash, popularized by growers in the vicinity of Chicago. A good market variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

✓ **Early White Scallop Bush**—The earliest. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Hubbard Squash.** This well known superior variety is one of the finest squashes for keeping, will keep long into the winter; also a fine fall variety. Very large, flesh yellow. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.



White Bush Scallop.

✓ **Boston Marrow.** This variety and the above Hubbard are the two leading squashes. Shape of squash, oval; color bright orange; one of the best. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Early Yellow Scallop Bush.** Same as white, except color. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Early Orange Marrow, or Early Pro-lific.** One of the best. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Giant Summer Crookneck.** Double size of other Crookneck sorts. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Early Summer Crookneck.** Fine flavor. Small, reliable. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **American Turban.** Excellent, good flavor, yellow. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Butman.** Salmon colored flesh. Fine for late. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Sibley, or Pike's Peak.** Orange flesh. Thick. Winter use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

✓ **Mammoth Chili**—Very large yellow. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

✓ **Marblehead.** Resembles Hubbard, but has gray skin. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Essex Hybrid.** Fine for fall or winter. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

TOMATO.

Culture.—Sow in hotbed, or early spring in shallow boxes, and place in the window. Transplant to open ground when all danger of frost is past, setting the plants three to four feet apart each way. Cultivate well. Set plants in open ground about the middle of May when all danger of frost is over, place good shovel of well rotted manure in each hill. Stake plants and you will realize a third larger crop. One ounce for 1500 plants; $\frac{1}{4}$ lb. will transplant for one acre.



Hubbard Squash.

Plant The Golden Hubbard Squash.

TOMATO—Continued.

✓ **New Stone.** This variety was introduced in 1891 and since that time has obtained great favor with canners and growers. It is very solid and a fine shipper. Color very desirable red, perfect, smooth in shape and thicker from stem to blossom end than most varieties, making it very desirable and salable. No one can find any fault with this variety; each and everyone speaks very highly of its yielding qualities. Very fine and immense yielder of fine smooth tomatoes. Pkt. 10c.; oz. 20.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

✓ **New Tomato—Fordhook First**—Fordhook First is a perfectly smooth, solid tomato of first-class appearance; also extremely early—ready to market nearly as soon as the rough, unshapely fruits of poor quality of the early Richmond type. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.00.

✓ **Early Advance**—A very good, fine variety, for market and home use. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.00.

✓ **Early Ruby**—The earliest Beefsteak tomato grown, but this tomato is not the largest or smoothest, but will have more ripe tomatoes earlier than any other sort. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.50.

✓ **Essex Hybrid Early**—Very similar to the Acme, fruit slightly darker, purple, always smooth and handsome. Quality one of the best. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Atlantic Prize**—One of the earliest of all; not only ripens its first fruit, but a large proportion of the crop earlier than any other sort. Smooth, bright red. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

✓ **Dwarf Champion**—Dwarf, stiff habit, scarcely needing any support. Very early and prolific. Color crimson, with pinkish cast. Best dwarf variety. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

✓ **Livingston's Beauty.** Decided favorite for home or market, being hardy and strong grower. Very productive; large. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.25.



New Stone Tomato.

See page 31.

✓ **Livingston's Favorite.** Canner's favorite, one of the best of the standard sorts. Very large and red; ripens evenly and early. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Livingston's Perfection.** Better far than Acme, with red skin, smooth, with solid flesh, produces more and larger fruit at the close of the season. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Acme.** One of the earliest and best for market gardeners. Well grown and very smooth. Superb. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

✓ **Young & Halstead's Ponderosa.** The fruit ripens quite early and keeps on coming until very late; of immense size, solid, almost seedless, and of

good sub acid flavor. The single fruits are large, but somewhat scattered on the vine. Quite a large percentage of the fruits are too rough to please growers of the strictly smooth kinds. When ripe it is apt to remain somewhat green about stem end, and it seems to ripen on the inside first, and on this account should be picked when it appears to be about half ripe. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb.; \$1.25.

✓ **Burpee's "Trucker's Favorite"**—Producing an enormous crop of large, smooth and very solid deep purple fruits. The fruits grow to uniformly large size, and have very few seeds; they possess a fine, sweet flavor. Ripens medium early and produces heavily until cut off by frost. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$3.

TURNIPS

Culture—For early, sow as soon as ground opens in spring. For late, sow from middle of July to end of August. Sow in drills, one pound per acre. Broadcast two to three pounds per acre.

- ✓ **Early White Milan.** As early as Purple Top Milan and possesses all its good qualities. The entire bulb inside and out is clear ivory-white in color. The outer surface is perfectly smooth as shown in cut. Grows very quickly, and very tender. Its table qualities are unequalled. It is very popular in the markets, and for table use, at least a week earlier than any other white variety. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 60c.
- ✓ **Extra Early Milan Strap Leaf.** Earliest of all, with purple top. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.
- ✓ **Early Red Top Strap Leaf**—Fall, flat sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Early White Flat Dutch**—Good early sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.



Sweet German.

- ✓ **Sweet German, or Large White**—Excellent for stock, productive. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.

Use Young & Halstead's Emerald Green Lawn Seed.



Acme Tomato.

- ✓ **Early White Top Strap Leaf**—Early white, flat. Pkt. 5c. oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Early White Egg**—Oval, sweet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Extra Selected Purple Top White Globe**—Globe shaped, enormous cropper, similar to Red Top Strap Leaf. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- Purple Top White Globe**—Excellent. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Green Top Amber Globe**—Fine for table use or stock. Good yielder. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Robertson's Golden Ball**—Rapid grower, good cropper, of bright yellow hue. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Pomeranian White Globe**—Unsurpassed for table or stock use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.
- ✓ **Long White, or Cow Horn**—Resembles the horn of a cow, long and white. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 40c.

RUTA-BAGA

✓ **Purple Top Yellow**—Small, for table, flesh solid, very productive. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Champion Purple Top**—Excellent quality. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 50c.

✓ **Improved American Purple Top**—One of the earliest and best sorts. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Skirving's Purple Top**—Very large, fine. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c.

✓ **Large White French**—Grows very large, fine for table or stock use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c.



Red Top Strap Leaf.



White Milan. See page 32.

✓ **Waite's Improved**—One of the best, excellent. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 45c.

✓ **Budlong's**—The very best for late use, and are unequaled in quality. Fine for stock. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c.

✓ **Improved Long Island Ruta-Baga**—This is the finest purple top Ruta-Baga ever introduced of American origin. Twice the size of ordinary American stock, largely grown for market use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 50c.

SEED OATS

The Improved American Oats are the kind of oats to grow for sure cropping, heavy, plump grain with large per cent. of meat, and small per cent. of hull; stiff straw that will save the crop until harvested. Heads long, heavy, and full, they are noted for vigorous growth, and droughts do not affect them as much as less vigorous varieties.

The grain is large, white, and plump with thin hull, weighing 34 to 36 pounds per bushel with ordinary thresher cleaning. We recommend the Improved American Oats as the most reliable, general purpose oats for farmers to grow. Price per bushel 50c.

CORN FOR GREEN FODDER

— **Sugar**—Sweeter, more nutritious than White Southern or Sheep-Tooth.

— **Deaware Sheep-Tooth**—The most popular variety for green fodder.

✓ **Southern White**—

✓ **Leaming**—

✓ **Improved Leaming**. 90 cents bushel.

— **Pride of the North**. 90 cents bushel.

BUCKWHEAT

New Japanese. Silver Hull.

DWARF ESSEX RAPE

It is said that no crop is grown that will produce as many pounds of as good feed for sheep per acre as will an acre of ground sowed in Rape. Six pounds will sow an acre of ground. North, it may be sown from May to August. South, it is best to sow in the fall, as it likes cool weather. An acre of Rape will be ready to pasture in six weeks from time of sowing and will carry 12 to 15 sheep six weeks to two months. Its fattening properties are probably twice as great as clover. When sheep are feeding on Rape they should at all times have access to salt. Often fine rape may be grown on land that has already produced a crop of some of the early maturing cereals, such as rye, oats, or barley. As soon as the crop of grain is removed the land is plowed or "disked" and at once seeded to rape. Field peas and other early maturing forage crops, or rye or winter oats that have been pastured off in spring may also be followed by rape with profitable results. Price 15 cents per pound; \$10.00 per 100 pounds.

SOUTHERN COW PEAS

THE GREAT SOIL RENOVATOR.

The growing crop makes poor land rich and rich land better, at the same time producing a large amount of forage for green or dry feed.

The hay is more nutritious than hay produced from grasses, millets, or any other plant used for the purpose, one ton of Cow Pea hay being equal to 1½ tons of the best timothy hay.

As a fertilizer crop the Cow Pea excels all others, absorbing from the air more nitrogen than clover and drawing from the subsoil large amounts of potash and phosphoric acid, depositing these fertilizing elements in the surface soil just where needed for succeeding crops. It must not be planted until the ground is warm, in this latitude from May 10th to the last of June, or even later if wanted for green feed. They will grow well on almost all soils not too wet. We offer the following varieties, which we consider the best:

BLACK

Quicker to mature than other varieties and better adapted for late planting, or for growing north of Virginia. Qt. 25c.; pk. 65c.; bu. \$2.00.

EXTRA EARLY BLACK EYED

Matures its crop two or three weeks ahead of the ordinary Large or Black Eyed Pea. Price, qt. 25c.; pk. 90c.; bu. \$2.75.

WHIPPOORWILL

A favorite early bunch growing variety; has brown speckled seeds. Price, qt. 25c.; pk. 65c.; bu. \$2.25.

Prices fluctuate, and it would be well to write for prices as season advances.

VICIA VILLOSA

HAIRY, OR SAND VETCH.

Grown for a forage crop, and should be sown at the rate of 40 pounds per acre. This variety has proved to be the most valuable of all Vetches. It succeeds on all soils and does not suffer from extreme drought, heat or cold. A most remarkable plant for sandy soils, as its roots go down to an unknown depth. The best time to sow is early in spring or during August and September, and it will grow all winter, hugging close to the soil like wheat; in spring it fairly leaps into life, often throwing out 100 vines from a single seed. The seed resembles cockle, and as it ripens about the same time as wheat, care should be taken not to sow it on wheat land. Price, 8c. per lb.

GRASS AND CLOVER SEEDS.

WE handle immense quantities of all kinds of Grasses. **Timothy and Clover Seeds** are **specialties**. We cannot quote prices here owing to fluctuation of the markets. Please write for quotations.

TIMOTHY (Herd Grass). Spikes cylindrical, glumes hairy on the back tipped with bristle, leaves long, flat rough root; perennial, grows best on damp, peaty soil; heavy yielder. Weight per bushel, forty-five pounds; quantity per acre, ten quarts.

RED TOP (Herd Grass). Stems erect, round, smooth and polished, flowers in July; leaves short and linear. This variety is very popular in Pennsylvania and Southern States. Makes fine hay, often sown with Timothy. Weight per bushel, fourteen pounds, two to three bushels per acre.

FANCY RED TOP. Same variety as above, no chaff, pure seed; quantity required per acre, twenty quarts.

BLUE GRASS. Blue grass shoots its leaves early, the amount of its foliage is not so large, but possesses a large percentage of nutritive matter. Cows feeding on it produce rich milk and fine butter. Stems bluish green. It makes excellent hay. Cut just as soon as seeds begin to ripen. Fancy cleaned seed, fourteen pounds per bushel; one to one and one-half bushels per acre.



Red Top (Herd Grass).

RED CLOVER. One of the best clovers for agricultural purposes, and is properly regarded a fertilizer of the soil. Clover is emphatically a lime plant and best adapted for tenacious or stiff loams. Very valuable for hay. Sixty pounds per bushel; twenty pounds per acre without Timothy; with Timothy fifteen pounds.

ALFALFA CLOVER, OR LUZERNE. This variety of Clover is lasting and being perennial makes it very valuable; retaining its vitality in the soil for years; abundant cropper, fine for cattle, both green and dry. It continues to yield fodder later in the season than Red Clover. Seeds yellow and glossy. Sixty pounds per bushel; per acre fifteen pounds.

ALSIKE, OR SWEDISH CLOVER. It continues in the soil for several years; finer than Red Clover in growth. Ten pounds per acre; sixty pounds per bushel.

WHITE DUTCH CLOVER. Its stems are spreading and creeping, flower heads small, white, flowers from May to September; roots perennial. The only clover suitable for lawns, and for pasturage, it is superb. Sixty pounds per bushel; eleven to fifteen pounds per acre.

ABOVE GRASS SEEDS MARKET PRICES.



Timothy.

GRASS AND CLOVER SEED—Continued.

CRIMSON CLOVER. This variety is very valuable for soiling purposes; produces more abundant growth quicker than any other sort, blossoms long cylindrical in form, color bright crimson. Not so valuable for hay as it is very hard to cure. Sixty pounds per bushel. Half-bushel per acre.



Perennial Rye.

ORCHARD GRASS. Coarse and tall growing, blossoms earlier than Timothy, about same time as Red Clover, and makes fine mixture, as it can be cut and cured for hay same time as Clover. Invaluable for sowing in shady places. All kinds of stock eat it greedily when green. Fourteen pounds per bushel.

PERENNIAL RYE. Better adapted to wet climates than to droughts. Soil and climate change this grass very much. Whenever it is cut for hay it must be cut when in bloom. It lasts six or seven years then dies out. Fourteen pounds per bushel.

RHODE ISLAND BENT. Similar in growth to Red Top. Valuable for lawn purposes. Twelve pounds per bushel, two to three bushels per acre.

WOOD MEADOW GRASS. (*Poa nemoralis.*) Fourteen pounds to bushel; well adapted for lawns in shady situations. Two bushels to the acre.

HUNGARIAN. This seed has been in cultivation for a long period. It flourishes in light, dry soils, but is more luxuriant in heavier soils. Very valuable for fodder; produces seed abundantly. Forty-eight pounds per bushel; half bushel per acre.

MILLET, GERMAN OR GOLDEN. Millet is one of the standard crops for cutting and green feeding, much relished by milch cows and other stock, fine also for silo purposes. Millet requires rich soil and yields a very profitable crop. Fifty pounds per bushel; half to three quarter bushel per acre.

EMERALD GREEN LAWN GRASS SEED. The best mixture ever put on a lawn, tennis court, or golf links. Our Emerald Green Lawn Seed will make a lawn quicker than any other. Use scythe for first six months after sowing in preference to a machine. Top dress lawn with bone meal or wood ashes, for new lawn use four bushels per acre. One quart will sow 300 square feet. Price per quart, 20 cents; peck, \$1.25; bushel, \$4.00.

ABOVE GRASS SEEDS MARKET PRICES.

POULTRY SUPPLIES.

Ground Oyster Shells		\$0.50 per 100 lbs.
Meat Meal and Meat and Bone, 100 lb. Package	- - - - -	2.25
Meat Meal and Meat and Bone, 50 lb. Package	- - - - -	1.25
Crystal Grit	- - - - -	.50 per 100 lbs.
Clover Meal	- - - - -	2.00 per 100 lbs.

RUSTS EGG PRODUCER

Superior to any other egg food for preventing and curing diseases. Price, 1 lb. box 25c.; 6 lb. box \$1; 10 lb. box \$1.50

INTERNATIONAL STOCK FEED

The best stock food on the market, cures and prevents disease in horses, cattle and hogs. Price, 3 lb. package 50c



MANN'S BONE CUTTERS.

No. 1, B, with balance wheel.....	\$8.00
No. 1, B M, with balance wheel mounted on iron stand.....	10.40
No. 4, B, with balance wheel.....	12.00
No. 4, B M, with balance wheel mounted on iron stand.....	15.00
No. 2, Standard bone cutter.....	18.40

FERTILIZERS.

The Following are our Leading Brands with Guaranteed Analyses.

READ'S STANDARD

This brand is a general favorite for all crops, vegetable or grain, on all soils, and is moderate in price. Do not get other "standards" confounded with Read's. Remember in this brand you are getting 4 per cent. actual Potash, which element is largely deficient in all soils, and in many brands of fertilizers. Price \$26.00 per ton.

Nitrogen.....	.83 to	1.00 per cent.
Equal to Ammonia.....	1.00 "	2.00 "
Sol. Phos. Acid.....	6.50 "	8.00 "
Rev. Phos. Acid.....	1.50 "	2.00 "
Avail. Phos. Acid.....	8.00 "	10.00 "
Total Phos. Acid.....	9.60 "	11.00 "
Equal to Bone Phos. of Lime.....	22.00 "	24.00 "
Potash K ₂ O.....	4.00 "	5.00 "
Equal to Sul. of Potash.....	7.40 "	8.00 "

PRACTICAL POTATO SPECIAL

Potatoes and many other vegetable crops are very large feeders on Potash. You have in this brand a "practical fertilizer," complete in formula, yet moderate in price.

We would advise caution in applying this brand, especially on potatoes. It should not come in direct contact with the potato seed, as it is a very strong concentrated fertilizer. Practical Potato Special is equally economical in growing celery and onions. We have several customers using it on these crops exclusively, who speak volumes in its praise.

In a practical test against four competing brands it took first place. Price \$28.00 per ton

ANALYSIS

Potash K ₂ O.....	8.00 to	10.00 per cent.
Equal to Sulphate Potash.....	13.85 "	14.50 "
Ammonia.....	1.00 "	2.50 "
Sol. and Avail. Phos. Acid.....	4.00 "	6.00 "
Total Phos. Acid.....	5.00 "	7.00 "
Equal to Bone Phos. of Lime.....	11.00 "	14.00 "

LEADER GUANO

This is a complete fertilizer of correct proportions made from same material as other brands, and is becoming very popular as a grain grower. We recommend it especially for early garden crops. Price \$23.00 per ton.

Nitrogen.....	.83 to	1.00 per cent.
Equal to Ammonia.....	1.00 "	2.00 "
Soluble Phosphoric Acid.....	5.50 "	6.00 "
Reverted Phosphoric Acid.....	1.50 "	2.00 "
Avail. Phos. Acid.....	7.00 "	8.00 "
Total Phos. Acid.....	8.00 "	10.00 "
Equal to Bone Phos. of Lime.....	18.00 "	22.00 "
Potash K ₂ O.....	1.00 "	3.00 "
Equal to Sul. of Potash.....	1.85 "	3.40 "

FERTILIZERS—Continued

GROUND BONE

Nitrogen.....	2.50 to 3.00	per cent.
Equal to Ammonia....	3.00 “ 4.00	“
Total Phos. Acid.....	22.00 “ 26.00	“
Equal to Bone Phos. of Lime.....	50.00 “ 55.00	“

Price \$30.00 per ton.

BUG DEATH

THIS IS THE VERY THING THE FARMERS WANT.

Why? First, because it is non-poisonous. It frees the plant from all insects. As it contains no arsenic it does not burn or blight the plant, and retard its growth. On potatoes it keeps the vines green from ten days to two weeks longer, thus giving the potato more chance to mature, which means a more starchy potato, and one less liable to rot. Last but not least, the extra yield of marketable potatoes more than pays the entire expense.

Being a very fine powder it adheres readily to the vines, making it almost impossible for the wind to blow or rain to wash it off.

The farmers who used Bug Death freely the past season on potatoes had a large crop of good, smooth potatoes that actually brought a higher price in the market than those of their brother farmers who did not use Bug Death, but who did use some of the many insecticides that contain arsenic. 1 lb. package 15c.; 3 lb. 35c.; 5 lb. 50c.; 12½ lb. \$1.00.

Slug Shot

is a cheap powder, remarkably fine, very diffusible, and clings in a fine dust upon plants over which it is dusted—and t
5 lb. package..... 25c.

Kills Bugs

GRAFTING WAX

Price, ¼ lb. cakes 10c.; ½ lb cakes 15c, 1b. cakes 20c

BANNER ROOT CUTTERS



№20 FOR HAND USE



No. 15 FOR HAND & LIGHT USE.

PARIS GREEN

¼ lb. package	6c.
½ “ “	10c.
1 “ “	18c.
2 “ “ per lb.....	17½c.
5 “ “ “ “.....	17½c.

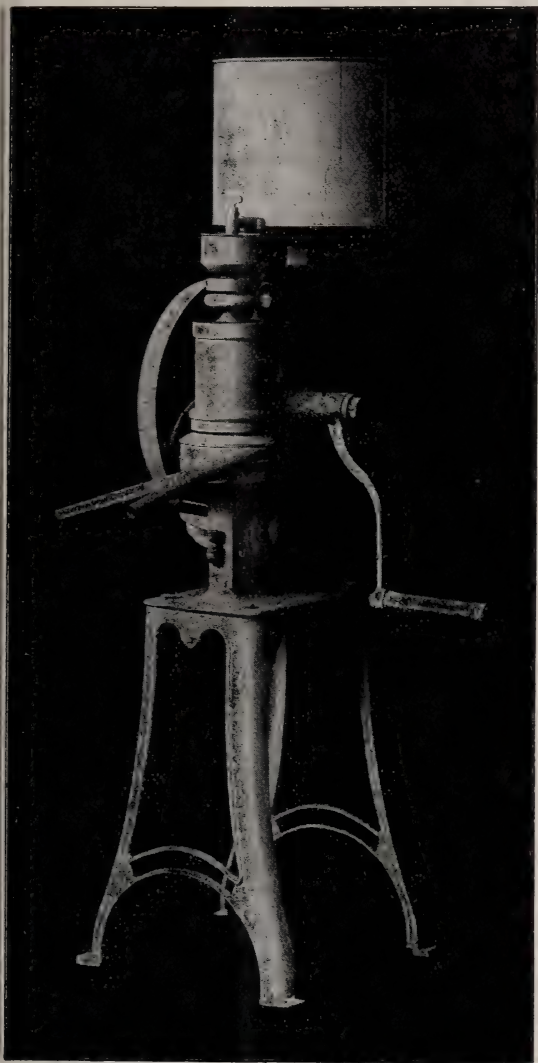
THE BANNER ROOT CUTTER

Is the only machine that cuts roots and vegetables for stock feeding in long thin half-round slices.

It has a self feeder, separating the dirt from the cut feed leaving the fodder in such condition that stock cannot choke upon it.

The No. 20 is a popular size for hand power, is well built, nicely finished, runs easily, feeds itself, and has a capacity of 30 to 50 bu. per hour. Price No. 20 hand power, \$9.50; price No. 15 for power, \$12.00.

The Kneeland Omega Separator



We believe the Omega has points of real merit that make it superior to any other Separator made. The short spindles at bottom and top of bowl are really axles on which it runs, and when once properly adjusted the bowl can not get out of balance. By the construction of the Omega bowl there is overcome what is in most separators, a cause of considerable trouble—whipping of the cream. The cream from the Omega comes out smooth, not lumpy or frothy, for the reason that it is collected without friction at the centre of the bowl and is discharged at the bottom. It is not disturbed by any grinding or whipping or by the unnecessary application of force to break or churn the cream globules, as in other Separators where cream finds its exit from the top of the bowl. The cream in the Omega is thrown to the centre and passes directly downward and out into the cream can, flowing freely, while the density can be regulated at will. The interior surface of the bowl and the core, which is in two parts, is all there is to wash, except of course the tank and milk and cream spouts.

Some of the advantages of the **Omega Separator** over any other are: Price, simplicity, ease of cleaning, ease of operation, low down bowl, durability, capacity, lack of vibration, lightness of frame, capacity as rated, low rate of speed, perfect separation, only two parts to clean, improved quality of butter, absence of clogging in bowl, perfect regulation of cream density, smoothness and churnability of cream, clean skimming from start to finish of run, thoroughly and completely cleaned in three to four minutes, can be set in any corner, needing but two feet square of floor space, cream and

milk outlet at bottom of bowl. The Omega bristles with good points. Perfect satisfaction guaranteed or no sale expected.

If more complete information is desired, send for our Separator Catalogue.

PRICE AND CAPACITY.

Omega No. 0	Jr., Capacity	260 lbs. per hour, without stand and Gear Guard	...	\$65 00
" 1	" "	300 lbs. " with " "	...	85 00
" 2	" "	350 lbs. " " " "	...	100 00
" 3	" "	450 lbs. " " " "	...	125 00
" 3½	" "	550 lbs. " " Large frame " "	...	135 00
" 4	" "	650 lbs. " " " " " "	...	150 00



Babcock Milk Tester

It is a wonderfully compact and simple machine, having a friction gear, making it the easiest and most noiseless running machine on the market.

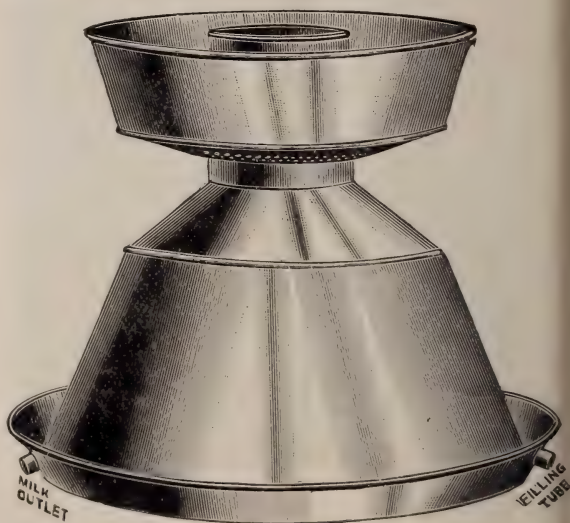
It is designed especially for farmers who wish to test their cows at a very little expense. It is large enough to answer the purpose of any sized dairy and cheap enough for those who keep but a single cow. A test at so low a price that it is within the reach of all. It is an absolute umpire as to the value of a cow for dairy purposes.

With each machine is furnished the necessary glassware and acid for a large number of tests. We sell this machine under a positive guarantee to give accurate results if directions are followed.

Two-Bottle, Complete	\$3 50
Four-Bottle, Complete	4 50

Perfection Milk Cooler and Aerator

When in use, the whole inner chamber is filled with water up to the water mark near the top of central tube, thus bringing in contact with the milk, the greatest possible amount of cooling surface. Aeration is perfect, yet the milk cannot be blown off on the ground it set out in the wind. It is low down, being from six to ten inches lower than any other cooler with nearly double the cooling surface. Milk receiver is easily removed, but cannot be tipped off by resting the pail on its edge when pouring in milk. Ice can be renewed without removing the milk receiver. A careful investigation will convince you that the "Perfection" possesses features which make it the most efficient cooler and aerator on the market.



No. 1, 12 quarts, 1 to 10 cows	\$5 00
" 2, 25 quarts, 10 to 25 cows	5 00
" 3, 32 quarts, 25 to 50 cows	6 00
" 4, 50 quarts, 50 to 75 cows	7 50
" 5, 80 quarts, 75 to 125 cows	10 00
" 6, 112 quarts, 125 to 200 cows	13 00

An agitator for stirring water, a spreader, also cheesecloth strainer, spring pins and corks furnished with each cooler.

Aquatic Cream Separator

Has a centre can for ice, a centrally depressed bottom, which allows the skim milk to wash out all impurities and leave the clean, pure cream.

No. 1, for 1 to 4 cows, 100 pounds milk per day, \$6 00

" 2, for 5 to 7 cows, 200 pounds milk per day, 8 00

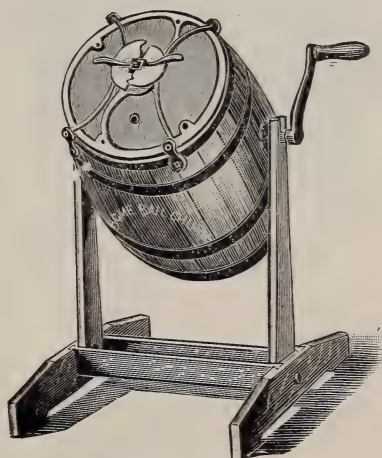
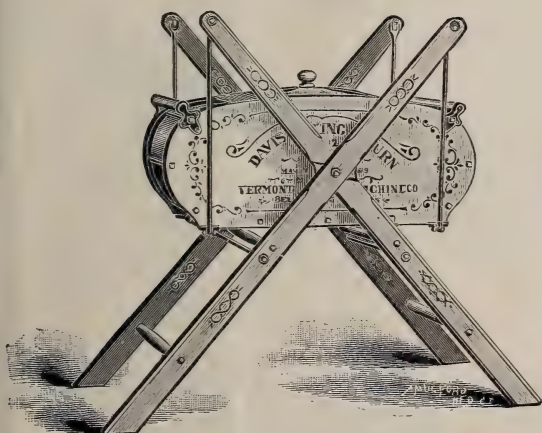
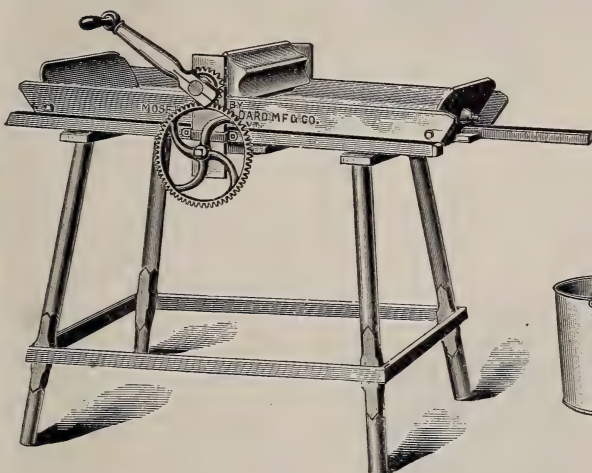
" 3, for 8 to 15 cows, 400 pounds milk per day, 10 00

The above prices are for Separators complete, including Separator Base, strainer holder, etc. Complete directions furnished with each Separator.

Waters' Butter Worker

No. 1, 30 pounds capacity, 4 to 8 cows, \$6 75

" 2, 40 pounds capacity, 8 to 12 cows, 7 75



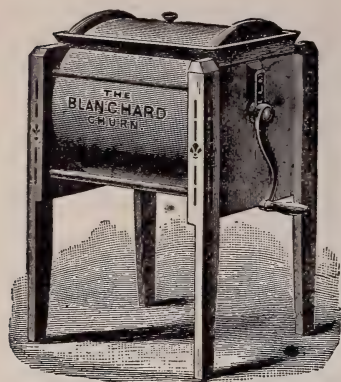
Davis Swing Churn

No. 1 will churn	4 gallons or less...	\$6 50
No. 2	5 " " " "	7 00
No. 3	8 " " " "	8 50
No. 4	10 " " " "	10 00

The above prices are for folding frame.
For tilting frame add \$1.

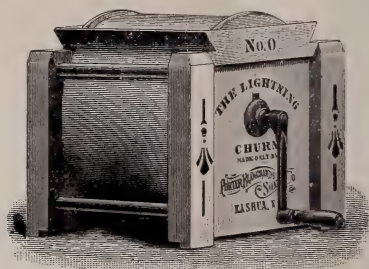
The Acme Bail Churn

No. 0 churns from	1 to 2 gallons...	\$3 50
No. 1	1 to 4 " " " "	4 00
No. 2	2 to 7 " " " "	4 50
No. 3	3 to 9 " " " "	5 00
No. 4	4 to 12 " " " "	5 50
No. 5	5 to 16 " " " "	6 50



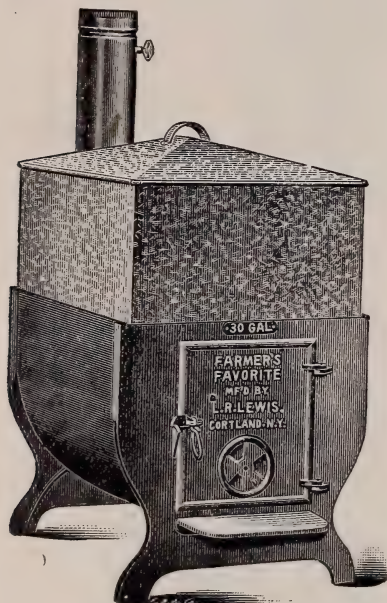
Blanchard Churn

No. 3	churns,	2	gallons or less.	.....	\$4 50
" 4	"	4	" "	.....	5 25
" 5	"	8	" "	.....	6 00
" 6	"	12	" "	.....	7 50
" 7	"	16	" "	.....	9 00



Lightning Churn

No. 0	churns,	2	gallons or less,	\$2 00
No. 1	"	3	" "	2 50
No. 2	"	4	" "	3 00
No. 3	"	5	" "	3 50



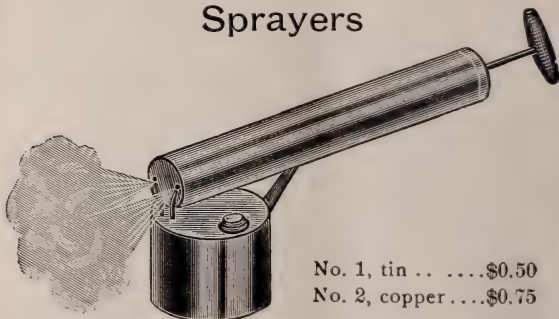
Farmers' Favorite Cooker

The top section, or boiler is made of heavy galvanized steel that will not rust. It is furnished with handles (not shown in cut), and a cover also of galvanized steel. The lower section or furnace, is made with cast iron ends, and the center or body of heavy steel plate. The door is extra large (12½ ins. x 15 ins.), which will allow large chunks and knots to be used.

Every cooker is furnished without extra charge, one elbow and one length of smoke pipe, with damper.

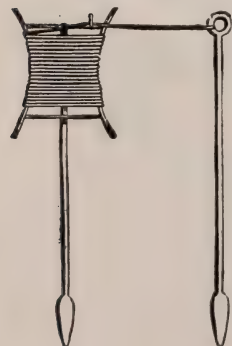
Capacity.	Size boiler.	Weight.	Price.
25 gallon	22 22x12	135 pounds	\$10.00
30 "	22½ 24x13	145 "	11.00
40 "	22½ 30x14	160 "	13.00
50 "	22½ 36x14	175 "	15.00
75 "	25½ 48x16½	205 "	18.00
100 "	22½ 60x17½	240 "	21.00

Sprayers



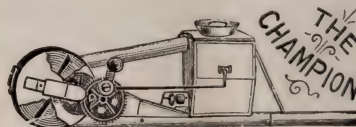
No. 1, tin ..	.....	\$0.50
No. 2, copper ..	.....	\$0.75

LEGGET'S DRY POWDER GUN



GARDEN REEL

20 in. long,	.40
28 in. long,	.60
100 ft. line,	.50



Champion dry powder gun, for distributing dry insecticides and fungicides. Will green two rows of potatoes at once as fast as a man can walk. Will do as much work in a day as a horse power sprayer. Distributes Paris Green, London Purple, Hellebore, Sulphur, Lime, Dry Bordeaux Mixture, and tobacco dust. For the farm, orchard, vineyard and garden.

Price, complete, - - \$7.50

New Universal Double Wheel Hoe

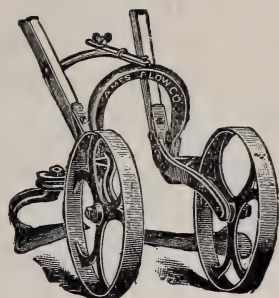
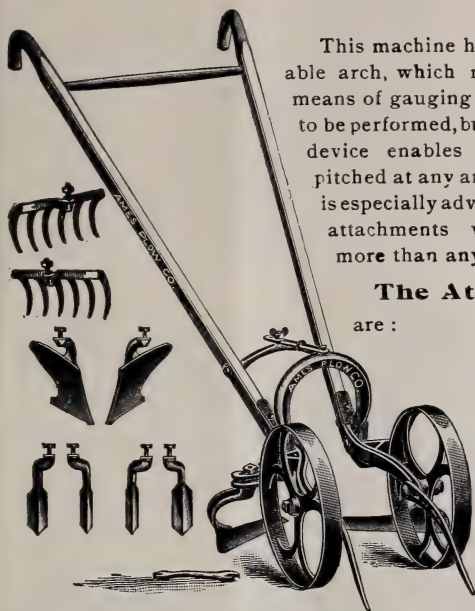
This machine has a high adjustable arch, which not only forms a means of gauging the depth of work to be performed, but by an ingenious device enables the teeth to be pitched at any angle desired. This is especially advantageous for hoe attachments which are used more than any other.

The Attachments

are :

- 1 Pair Hoes,
- 1 Pair Plows,
- 1 Pair Rakes,
- 1 Pa'r Narrow Cultivators,
- 1 Pair Wide Cultivators,
- 1 Pair Vine Guards,

Complete, with all attachments.....\$6 00
Plain, " Hoe Blades only..... 4 00

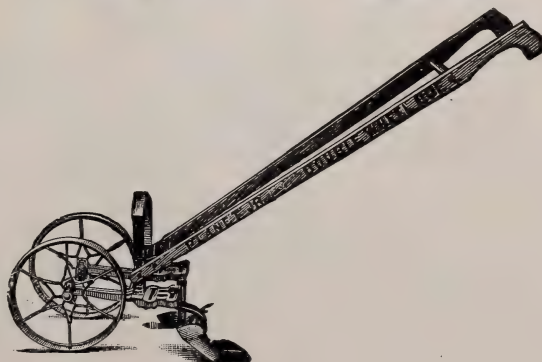
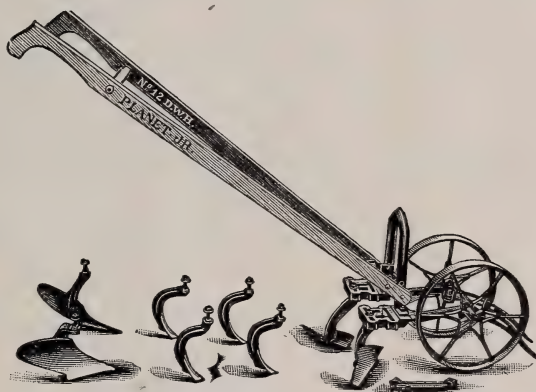


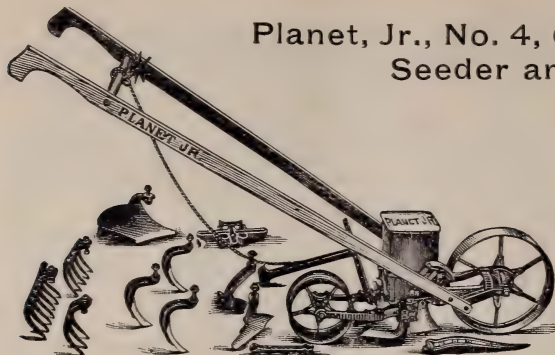
Planet Jr., Double Wheel Hoes

Planet Jr., tools are known all over the world and are everywhere recognized as the highest standard of excellence. The double wheel hoe which we offer here combines in one implement all the virtues of the older tools. It has the high steel arch, quick change frame by which the teeth can be changed in a few seconds, without removing the nuts, and the frame is adjustable to height as well as to spread. The complete equipment consists of

- 1 Pair Curved-Point Hoes,
- 1 Pair Plows,
- 1 Pair Narrow Cultivator Teeth,
- 1 Pair Wide Cultivator Teeth,
- 1 Pair Leaf Guards.

No. 12, complete with all attachments..... \$6 50
No. 13, plain, with Hoes only.. 4 50





Planet, Jr., No. 4, Combined Hill and Drill Seeder and Wheel Hoe

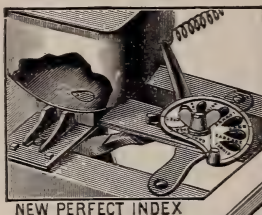
This new tool combines in a single implement a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, a cultivator, a rake and a plow. It sows in a continuous row with perfect uniformity, or drops with accuracy in hills 4, 6, 8, 12 or 24 inches apart.

Price, complete\$11 00
 " drill only 8 00

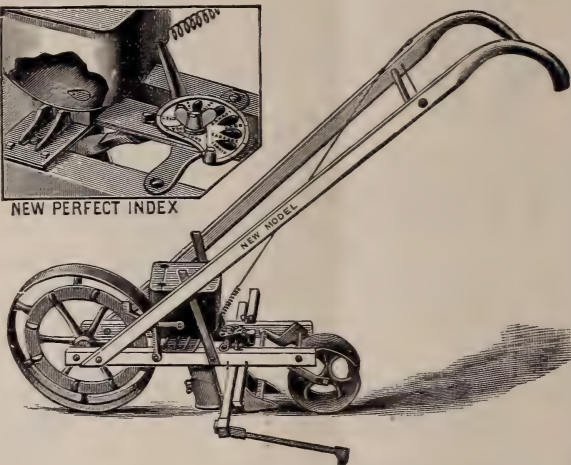
New Model Drill

Probably this tool is used more generally by market gardeners in New York State than any other make. It is a thoroughly reliable and satisfactory drill.

Price.....\$7 00

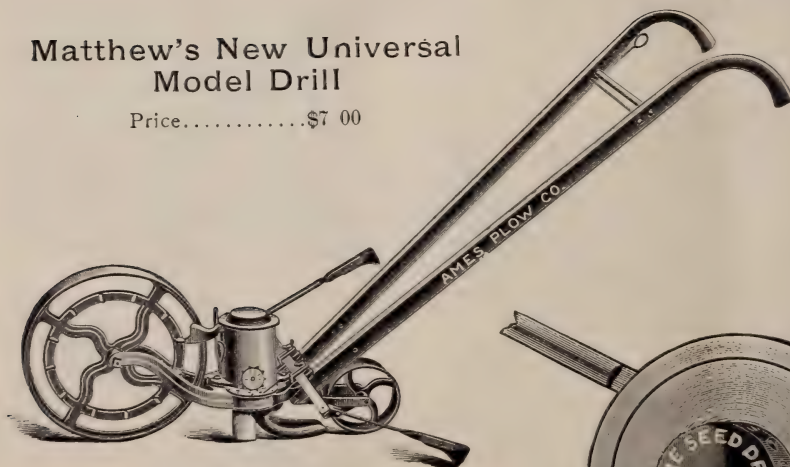


NEW PERFECT INDEX



Matthew's New Universal Model Drill

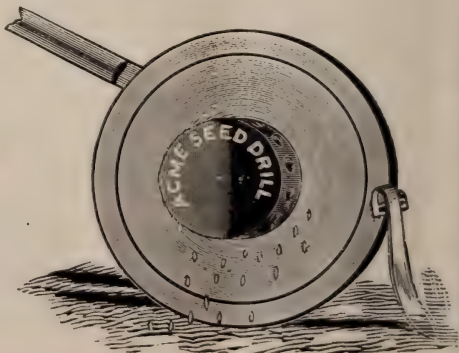
Price.....\$7 00

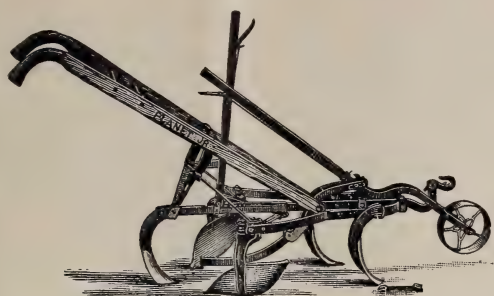


Acme Seed Drill

For small sowings and hot beds Easily regulated as to quantity to be sown and depth. Will sow a small packet of seeds as well as larger bulks.

Price.....75 cents.





No. 8, Planet, Jr.

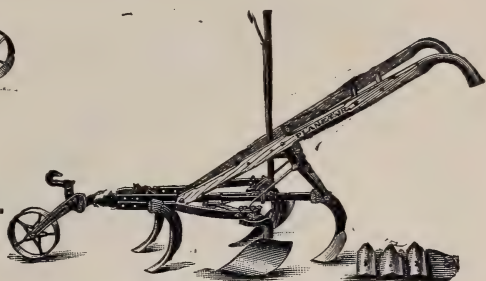
Horse Hoe and Cultivator.

Price.....\$8 00

No. 9, Planet, Jr.

Horse Hoe and Cultivator.

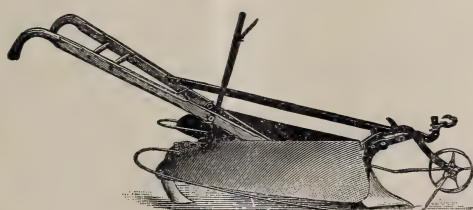
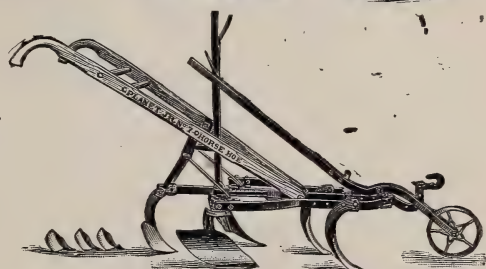
Price.....\$7 00



No. 7, Planet, Jr.

Horse Hoe and Cultivator.

Price.....\$7 50



Planet, Jr.

Double Celery Hiller

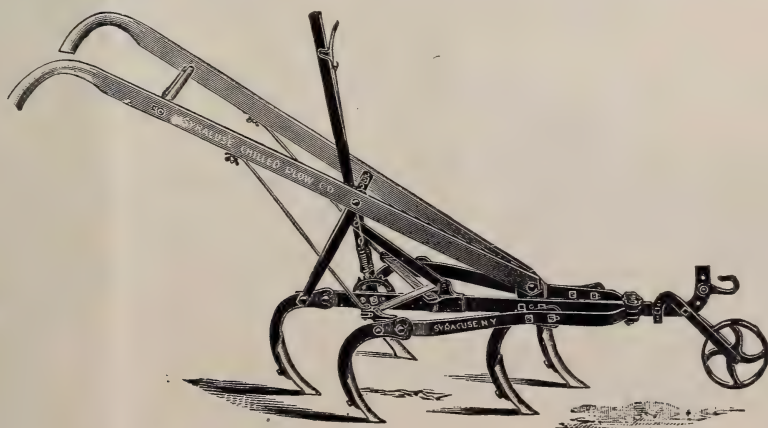
With this tool celery can be hilled without any handling what ever. The leaf lifters are

adjustable in height and are especially valuable for first work. The hilling blades are 43 inches long, adjustable in width or height and will work all rows up to four feet apart. Price, \$13.00

Syracuse Horse Hoe and Cultivator

No. 121, Expansion Lever, 5 points and stationary wheel.....\$47 00

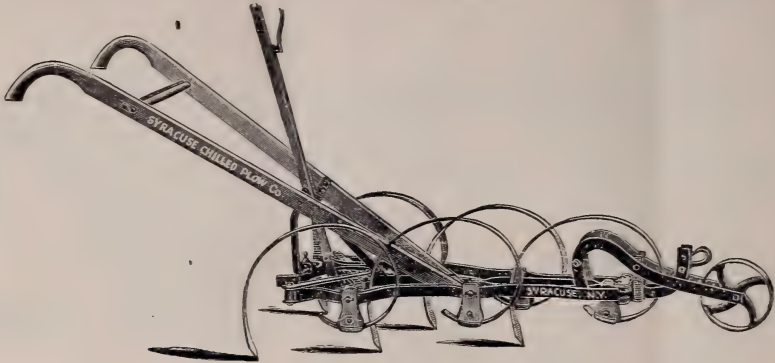
No. 123, " " 5 points, wings, shovel point and stationary wheel..... 5 00



Syracuse Spring Tooth Cultivator

Especially adapted for stony ground. Expanding Lever, Five Spring Teeth and Wheel.

Price.....\$6 00

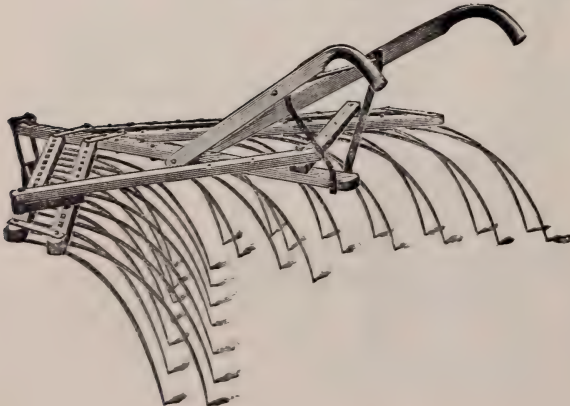
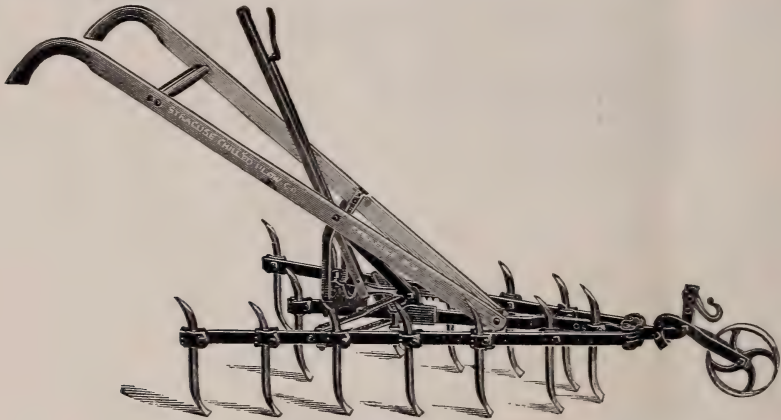


Syracuse Spike Tooth Cultivator

Especially adapted for pulverizing the soil and leaving it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by loosening one bolt at each tooth.

Expanding lever, fourteen spike teeth and wheel.

Price.....\$5 50



Keystone Weeder

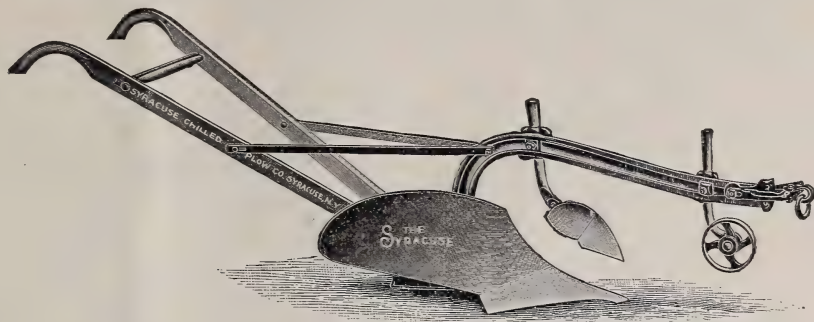
Adjustable as to depth and width. Can be expanded from 30 inches wide to 7½ feet.

Price.....\$9 00

SYRACUSE STEEL PLOWS

Steel beam, steel mould board and strip—chilled point and shoe. We handle only the **Extra Quality** steel mould board and strip. These plows are also made with **Common** steel boards and strips which cost \$2.00 less than the extra quality. The **Extra Quality** will wear four times as long as the common. We claim this is the best land plow on the market. We sell them on trial, and if not entirely satisfactory they may be returned and money will be refunded. They are specially recommended for their turning qualities. Will turn a furrow smoothly up or down hill or on level ground.

Price, Complete, No. 23, \$13.50, and No. 31, Complete, \$13.50,

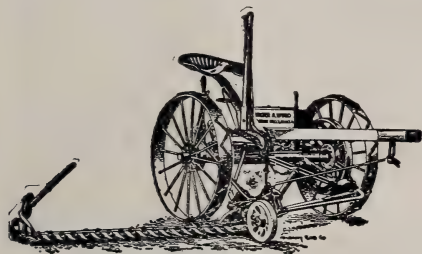


	Size.	Furrow.	Weight, Plain:
No. 32,	Medium two horse,	5 to 7½ in. deep, 10 to 13 in. wide.	103 lbs.
No. 31,	Large two horse,	5 to 8½ in. deep, 12 to 15 in. wide.	108 lbs.

SYRACUSE WING SHOVEL PLOW

Price\$3.00.

The best Shovel Plow on the market, blades and wings of steel are adjustable to throw more or less earth.



Walter A. Wood's Tubular Steel Mower.

Light runner and easy cutter, new foot lift, roller and ball bearing.

Send for special catalogue giving description of Mowers, Binders and Reapers.

We Carry a Full Line of Repairs for McCormick Machines

**The Royce Reaper is the lightest
and best machine on the
market for the money.**

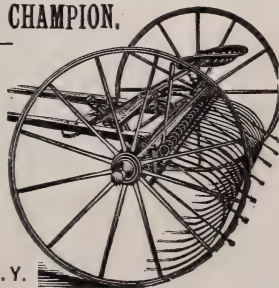
Price, \$45.00.

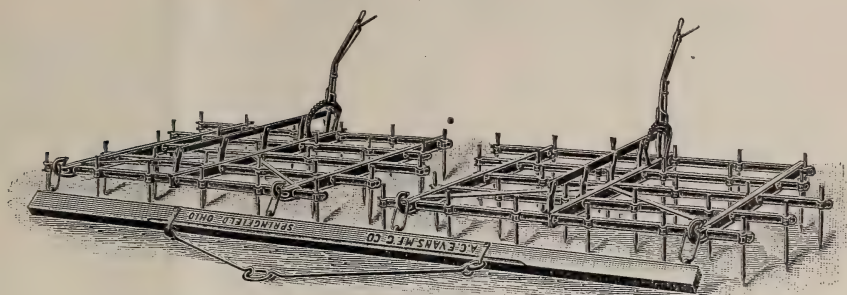
NEW YORK CHAMPION.

Warranted the
Best Rake on
Earth.

Man'd by
Patten

**&
Stafford,
CANASTOTA N.Y.**



U=BAR SPIKE TOOTH HARROW

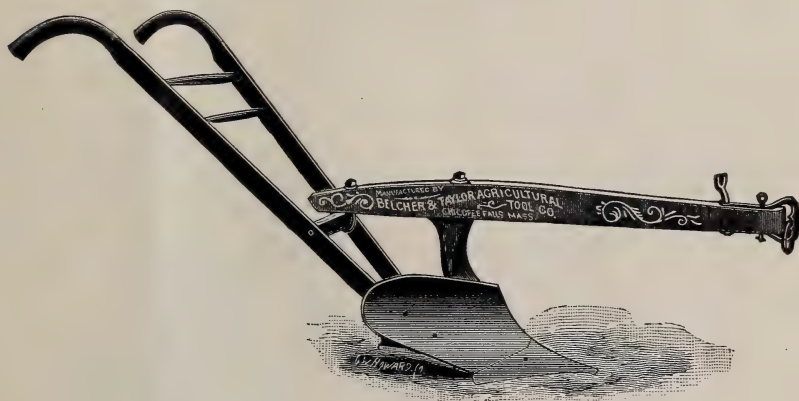
50 Teeth..\$12.50

60 Teeth\$13.50.

Excellent for pulverizing and leveling and for the cultivation of young crops. For transportation the levers are thrown forward, thereby throwing harrow on the runners and lifting the teeth off the ground. Depth of cut is regulated with the greatest ease.

WOOD BEAM GARDEN PLOW

No. 5\$5.50.



Made from patent steeled metal of high polish and lighter than chilled.

SYRACUSE VINEYARD AND GARDEN PLOW

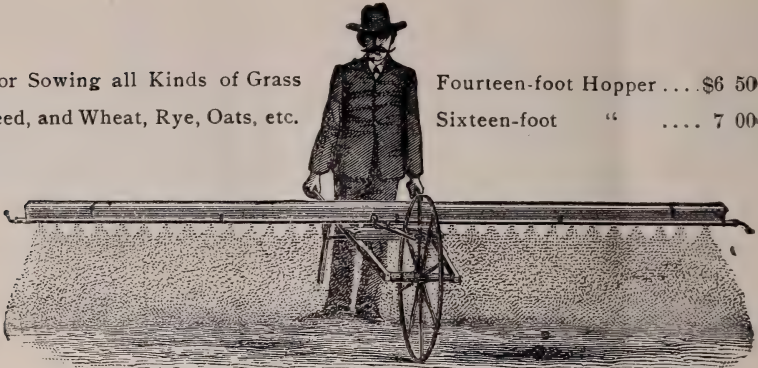
Price Complete, - - - \$6.00.

**IRON BEAM AND SET OVER CLEVIS.**No.
5Year.
1878Size.
One Horse,Furrow.
3 to 5½ in. deep, 7 to 10 in. wide,Weight, Plain.
63 lbs.

Thompson's Wheelbarrow Seeder

For Sowing all Kinds of Grass
Seed, and Wheat, Rye, Oats, etc.

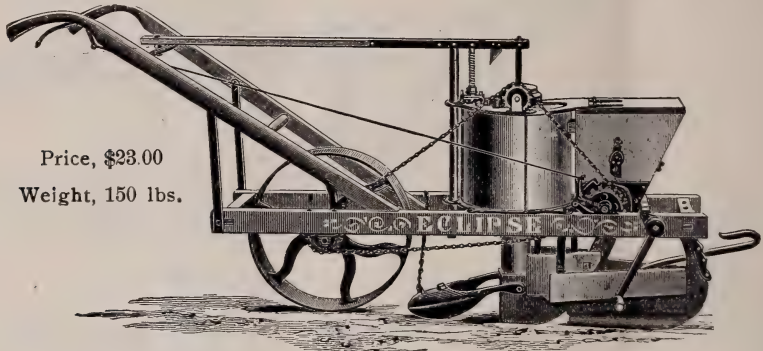
Fourteen-foot Hopper . . . \$6 50
Sixteen-foot " . . . 7 00



Eclipse

Corn Planter and Fertilizer Distributor

For planting field or ensilage corn, beans, peas or beet seeds, in hills, drills or checks.



Price, \$23.00
Weight, 150 lbs.

It is the only planter on the market which has concave places each side of plow, which are of great importance in placing moist earth on the seed, just before the fertilizer is dropped each side of seed. A great advantage on very dry ground or in a dry season. It is the only planter that will accurately distribute all commercial fertilizers, wet as well as dry; pulverized hen manure, plaster, ashes and other fertilizers of like consistency.



American Standard Hand Corn Planter

This planter is better known, has reached a larger sale has proved more popular and has given better satisfaction than any other hand planter ever manufactured. It is the only planter having an adjustable, rotary dropping disc.

Price \$1 50



Ney Hay Carrier

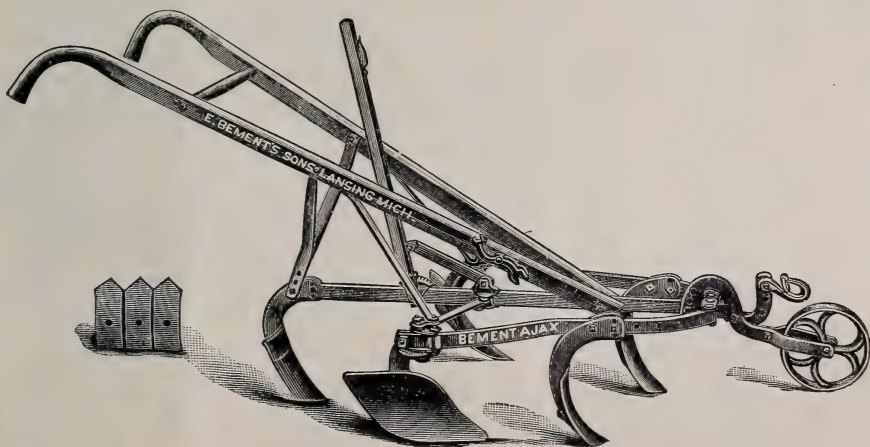
This carrier has been on the market so long and met with such high favor that much comment is unnecessary. It cannot pass the bumper or trip block while in operation, and is easily and quickly reversed from the floor.

It is constructed entirely of malleable iron, travelers and sheaves revolve on turned steel bushings, making it the easiest running and most durable carrier on the market.

Haying Tools

No. 5 Ney Carrier.....	\$4.50
Steel Track, per foot.....	.11
Malleable Track Eyes, each.....	.09
Crimped Rafter Brackets, each..	.05
Barbed Nails, for brackets, lb...	.06
Rafter Grabs, each.....	.50
Whiffletree Hook for rope end,	
each.....	.25
Hay Slings, set	7.00
Floor Hooks .....	.08
Double Harpoon Fork	1.00
" " " extra long.....	1.20
No. 115 Iron Pulley...	.25
Iron Pulley, with loop.....	.25
Knot-Passing Pulley...	.25
Wood Self-Oiling Pulley.....	.25

Rensselaer Horse Hoe and Cultivator



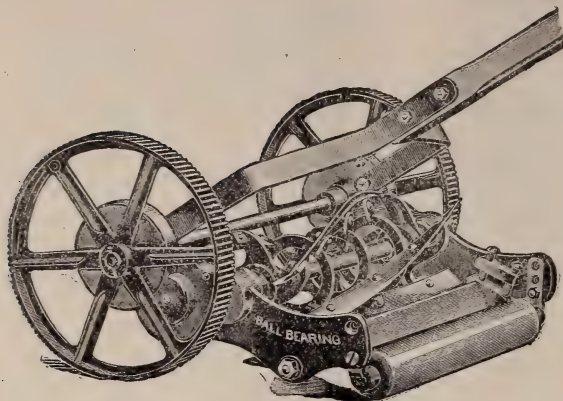
No. 1—Expanding lever, 5 cultivator points, wing points and shovel point.

Price.....\$5 75

No. 2—Wheel lever and depth regulator, expanding lever, 5 cultivator points, wing points and shovel point.

Price.....\$6 75

VICTORY LAWN MOWER



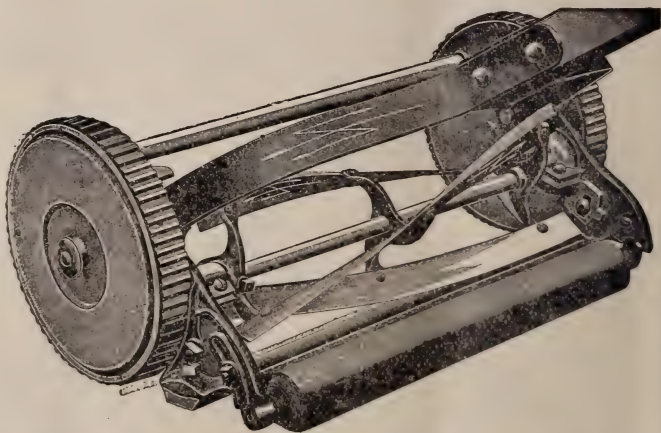
Has ball bearing of the very highest grade, exact to $\frac{1}{4}$ of 1-1000 of an inch, which reduces the friction astonishingly, even more in a mower than in a bicycle, and render it possible to use much wider machines than heretofore with parallel bearings. A 24-inch mower can now be operated as easily as the old parallel bearing mower only 16 inches wide; hence, mowing the lawn becomes a fascinating pastime, and the lawn is mown in one-quarter of the time formerly consumed.

The Victory mower is built without regard to cost, to be the best, most durable, and easiest working mower on the market, and while the prices are necessarily a little higher than those of mowers simply made to sell, yet in the end it will prove much cheaper.

16 inch cut	\$ 8.00
18 " "	9.00
20 " "	10.00
22 " "	11.00
24 " "	12.00

THE RENSSELAER LAWN MOWER

The greatest virtue any mechanical device may possess is effectiveness for the purpose it is intended, combined with simplicity of construction. This mower possesses both these advantages. Its work is always smooth and clean, its operation easy, and its construction so simple that a novice easily comprehends it at a glance. While its simplicity of construction insures durability it also cheapens its cost. We, therefore, have to offer a low priced mower which is at the same time guaranteed to do perfect work. Take one on trial and if not entirely satisfactory you may return it and money will be refunded.



All parts are interchangeable and in case of wear or breakage can be at once duplicated.

14 inch cut	\$2.50
16 " "	2.75
18 " "	3.00

Syracuse High Frame Spring Tooth Wheel Harrow Price, 17 Teeth, \$18.00. Spring Seat and Caster Front Wheels, extra.

The new Syracuse Wheel Spring Tooth Harrow, which is shown in the cut, without the seat attachment, has the following meritorious features :

1st—A frame of channel steel carried at such height from the ground on high wheels as absolutely to prevent loading.

2d—Adjustable Spring Steel Teeth of Improved shape, which while having good suction, do not accumulate trash.

3d—Broad-faced Steel Wheels

with dirt proof bearings, and so made that by the removal of two bolts, new hubs with removable boxes can be quickly substituted. The wheels are so placed that there are no wheel tracks.

4th The entire weight of the driver, together with nearly all that of the harrow, is carried on the wheels which greatly reduces draft. The frame works independent of the wheel axle, which is hinged in the centre and so allows the harrow to conform to uneven ground.

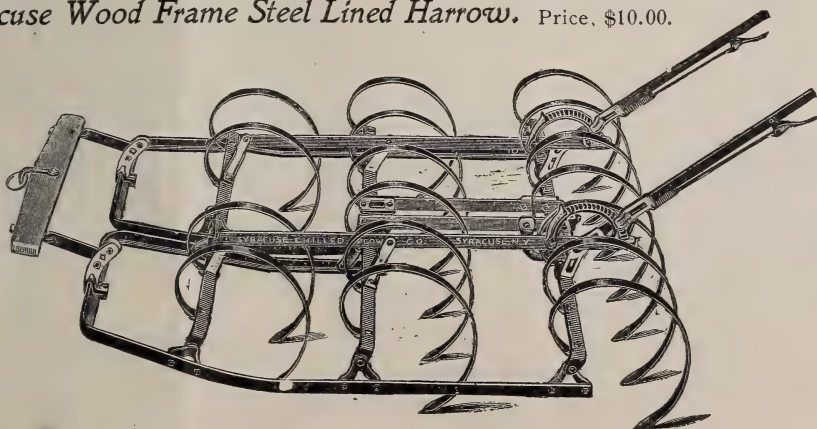
5th—Caster Steel Shoes adjustable to depth, placed in front, which move always in the line of draft, steady the running of the harrow and also prevent it from working downward when used on side hill or rolling land. The harrow is quickly and easily turned at corners without buckling, making it unequalled for transportation or use in the field.

6th—More or less weight can be carried on the front shoes by raising or lowering the draft clevis.

7th—The levers are within easy reach of the driver, and the harrow can be dumped with the freedom of a horse rake without dragging the load.

Syracuse Steel Frame Disc Harrow. Will not clog on any soil, the gauge can be set at different angles when necessary, which is an invaluable feature when working on sidehill or rolling ground. O 1 tempered steel discs, either round or cut are furnished. As shown in the cut the harrow is arranged for two horses, but is furnished with a three or four horse hitch when required. Do not buy a harrow until you have seen this one. Price, \$25.00.

Syracuse Wood Frame Steel Lined Harrow. Price, \$10.00.

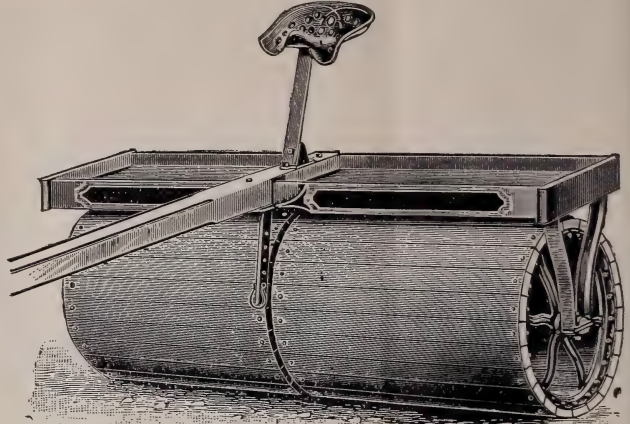


Syracuse Lever Spring Tooth Harrow. Price, 17 Teeth, \$16.50.

Frame, tooth bearing bars and teeth are steel. The frame runs on steel shoes, which can be renewed at small expense. All castings malleable. Most convenient for clearing and turning about or transporting from place to place.

Rensselaer Land Roller

The farmers' verdict is that the wood roller is the best. This one draws from the center of a $1\frac{1}{2}$ in. steel shaft which is loose in the boxes. The staves are of two inch selected oak and one may be taken out and replaced in ten minutes. Length 8 feet, diameter 30 inches. Price, \$18.00.



The Handy Truck

For Bags, Barrels or Boxes. It is rightly named.

Price.....\$2.25.

We have a very full line of Barrel and Warehouse Trucks of all sizes and will be pleased to send special circular and prices.

Grindstones

All sizes from 12 in. to 78 in., 1 in. face to 12 in. face.

Samson's Wood Frame

No. 1, Stone Weighs	100 to 110 lbs.,	thickness	$1\frac{3}{4}$ to $2\frac{1}{4}$ in.,	Price	\$3.10
No. 2,	70 to 80 lbs.,	"	" in.,	"	2.90
No. 3,	40 to 50 lbs	"	" in.,	"	2.75

Bicycle Tread Iron Frame, \$3.50.

Syracuse Steel Frame Disc Harrow.



See page 53.



Patent Cast Iron Grindstone Frame

Handsomely finished, with adjustable tool rest, all ready to belt on to power, to swing stone 30 in. x $4\frac{1}{2}$ in. Price, \$15.00.

CUTTERS

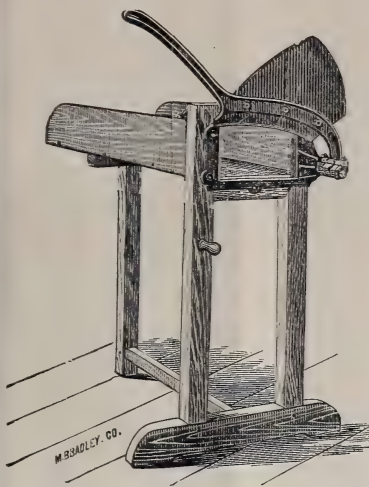
Our illustration is that of the No. 9 Lever Cutter. This machine is especially appreciated because it does not tip over easily. Price \$3.00.

St. Albans One Horse Power.

Just the thing on the farm for running the separator, cutting stalks and wood. Price, \$80.00.

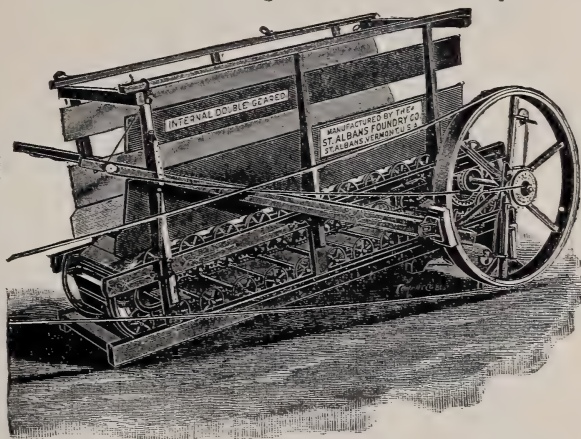
American Feed Cutter and Shredders.

We put the No. 9 Swiss Cutter against anything on the market that can be bought within \$5.00 of our price, for



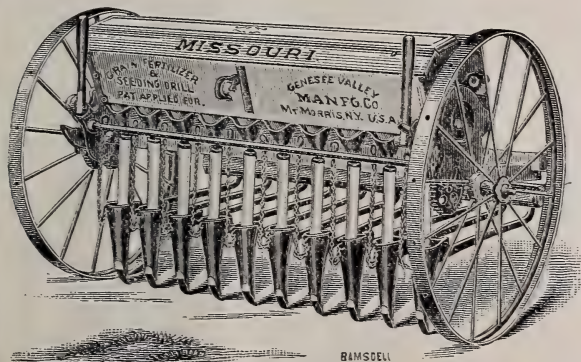
capacity, ease of operation, durability, strength, finish, and style. Price, \$20.00.

We carry a large line of Hand and Power Hay and Ensilage Cutters, but on account of limited space do not show them here. If interested send for our special catalogue.



THE MISSOURI DRILL

Double rotary force-feed grain and fertilizer drill with self-shifting crank attachment. Broad-faced, high, wrought iron wheels, no wood spokes or felloes, no tire coming loose. This drill has been thoroughly tested in sowing all kinds of grain, grass seed, phosphate, bone dust, guano, salt, ashes, plaster, ground lime, marl and such combinations as farmers make from barn and hen house products.



The force feed fertilizer attachment distributes all kinds of ashes, plaster phosphate, etc., without clogging. The quantity sown is regulated by cog wheels, same as grain sower. No more power is required to propel the fertilizer than the seeder, consequently the draft of a new combined drill is but a trifle more than a plain drill. By means of a lever the gearing may be thrown in or out while at work, so that fertilizers may be sown on poor and shut off on fertile lands in the same field. We have also a force feed grass

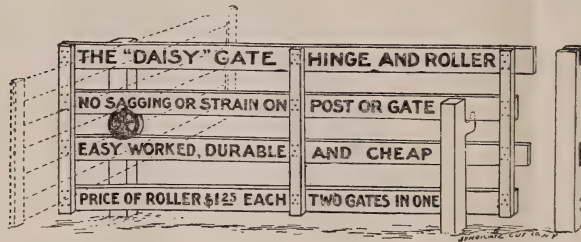
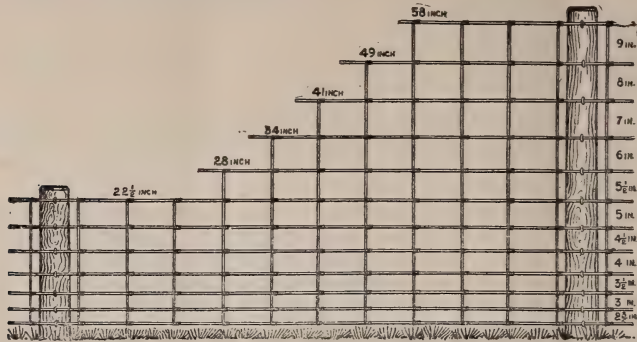
seeder working on the same principle as the fertilizer. Therefore our combined drill is furnished with three positive force feeds, none of which are used by any other drill made.

The company is putting on the market this season a new disk drill, and equipping all of their drills with wire tubing in place of the old style rubber hose.

9	Hoe Drills, Pin	.....\$75.00—with Spring Hoe	.....\$80.00
10	" " "	.....80.00—" " "	.....85.00
11	" " "	.....85.00—" " "	.....90.00

AMERICAN FIELD FENCING

For farm, field, pasture, orchard, ranch or other fencing requirements. Secure against all animals large or small. Price on application.



The Russell Staple Puller

If you build or take down wire fences you need this tool, it is a staple puller, hammer, double wire cutter and a plyer. Price, \$1.00.



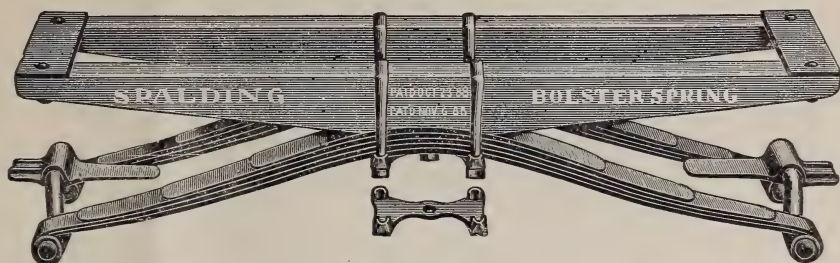
**Poultry Netting. Barbed and Plain Wire for Fencing.
Bale Ties all Sizes.**



Canton Wire Stretcher

The prime advantage in this wire stretcher is the automatic brake which holds the wire taut. Thus only one man is required in making a wire fence and he can have the wire stretched to any degree of tension. Price, \$0.90.

SPALDING BOLSTER SPRING



This spring stands without a rival, and while being the most lasting, is also the handsomest, adding both life and beauty to the wagon upon which it is used. We warrant them perfect in every way. Should any of the parts prove defective in material or workmanship, within one year from date of invoice, we make them good free of charge. They differ materially from any other wagon spring now on the market, being so constructed that when loaded beyond their carrying capacity they do not break, nor do they lose any of their elasticity.

The springs require no bolting to the box, leaving them free to be removed at any time.

2500 lbs. capacity.....	\$7.50
3000 " "	8.00
4000 " "	8.50

Howard Adjustable Bolster Spring

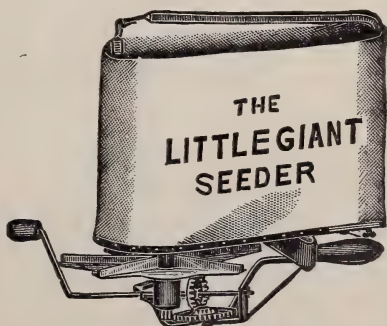
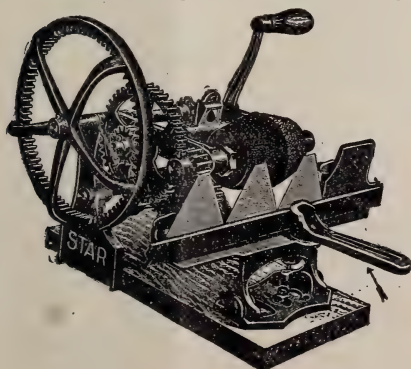


1500 lbs. capacity.....	\$5.90
3000 " "	6.00
4000 " "	7.00

Bell City Spring, 4000 lbs. capacity.....	\$7.50
Cliffs Ram's Horn, 2000 lbs. capacity.....	5.00
" " 3000 lbs.	5.50
" " 4000 lbs.	6.00
Cliffs Seat Springs.....	.80
King " .....	.75

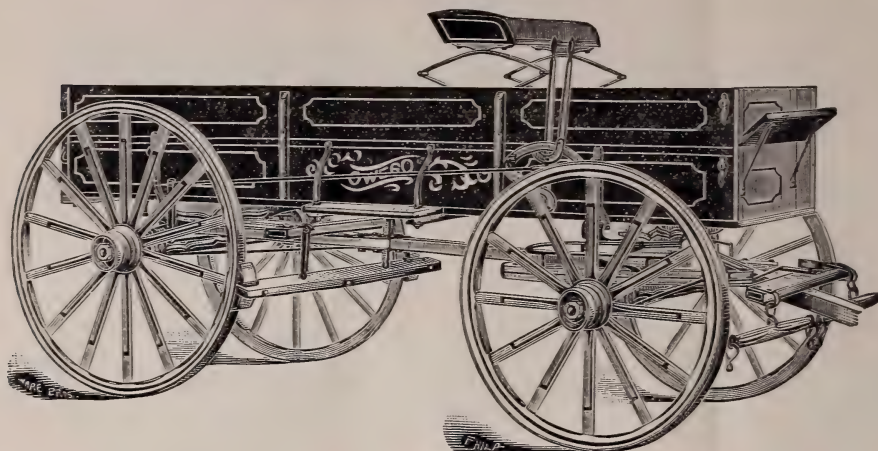
Star Sickle and Tool Grinder.

Weight Complete, 25 lbs. Price, \$5.00.



Price.....\$2.25

O-WE-GO WAGONS



This wagon is made either with cast skeins, steel skeins, Concord steel axles, or tubular axles. It should be understood that the O-we-go wagons are not "Wes ern." They are the best New York state style. The material, workmanship and finish is the very best, making them the highest grade farm wagons on the market. Every sale is accompanied by our positive warranty. Send for wagon catalogue.

PRICE LIST.

O-WE-GO STRAIGHT AXLE.

WHEEL STRAIGHT RAIL.										
Height of Wheel.										
Front.		Rear.		Tire.	Capacity.	Gear.	Complete			
2½ x 8	ins.	3 feet 4	ins.	3 feet 10	ins.	1⅜ x ⅜	ins.	1500 lbs.	\$35.00	\$45.00
2¾ x 8½	ins.	3 feet 4	ins.	3 feet 10	ins.	1½ x ½	ins.	2500 lbs.	40.00	50.00
3 x 9	ins.	3 feet 4	ins.	3 feet 10	ins.	1½ x ⅞	ins.	3000 lbs.	41.00	51.00
3¼ x 10	ins.	3 feet 4	ins.	3 feet 10	ins.	1½ x 1⅞	ins.	4000 lbs.	42.00	52.00
3½ x 11	ins.	3 feet 4	ins.	3 feet 10	ins.	1¾ x ¾	ins.	5000 lbs.	46.00	57.00
3¾ x 11	ins.	3 feet 4	ins.	3 feet 10	ins.	1¾ x ¾	ins.	6000 lbs.	56.00	68.00

SOLID STEEL AXLE.

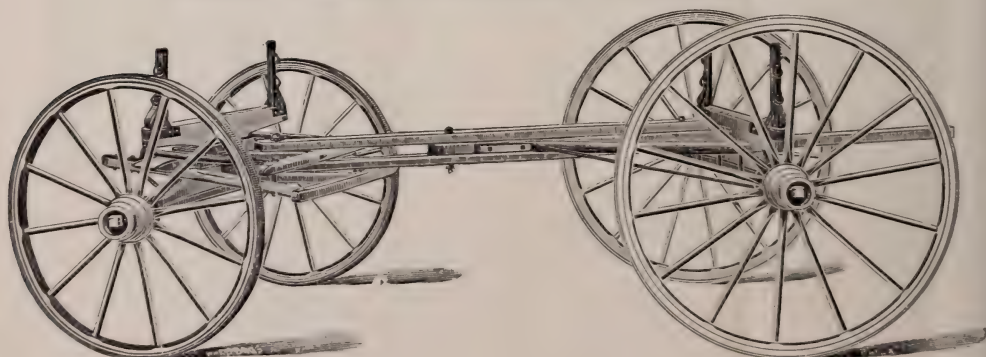
1½ x 8 ins.	3 feet 4 ins.	3 feet 10 ins.	1½ x ½ ins.	3000 lbs.	\$42.00	\$52.00
1¾ x 9 ins.	3 feet 4 ins.	3 feet 10 ins.	1½ x 9/16 ins.	4000 lbs.	44.00	54.00
1¾ x 9 ins.	3 feet 4 ins.	3 feet 10 ins.	1½ x 5/8 ins.	5500 lbs.	48.00	58.00
2 x 10 ins.	3 feet 4 ins.	3 feet 10 ins.	1¾ x 5/8 ins.	6500 lbs.	56.00	67.00
2¼ x 11 ins.	3 feet 4 ins.	3 feet 10 ins.	1¾ x ¾ ins.	8000 lbs.	82.00	.....
2½ x 11 ins.	3 feet 4 ins.	3 feet 10 ins.	2 x ¾ ins.	10000 lbs.	100.00	.....

TUBULAR AXLE.

2½ x 8½ ins.	3 feet 4 ins.	3 feet 10 ins.	1½ x ½ ins.	2500 lbs.	\$42.00	\$52.00
2¾ x 9 ins.	3 feet 4 ins.	3 feet 10 ins.	1½ x 9/16 ins.	3000 lbs.	46.00	56.00
2¾ x 10 ins.	3 feet 4 ins.	3 feet 10 ins.	1½ x 5/8 ins.	4000 lbs.	50.00	60.00
2¾ x 11 ins.	3 feet 4 ins.	3 feet 10 ins.	1¾ x 5/8 ins.	5000 lbs.	58.00	70.00

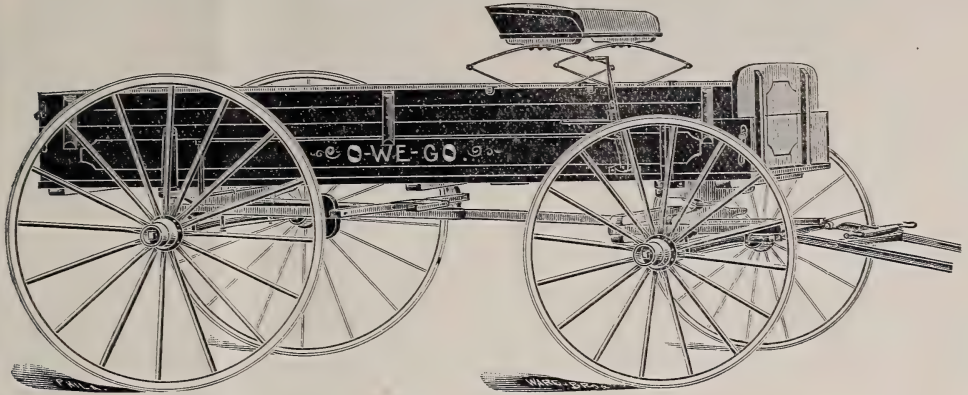
Regular gear and body brake, - - - - - \$4.00
 Block Tongue or Double Reach Wagons, extra, - - - - - 3.00

BLOCK TONGUE OR DOUBLE REACH GEAR.



ONE HORSE O-WE-GO WAGONS

WITH SARVEN WHEELS

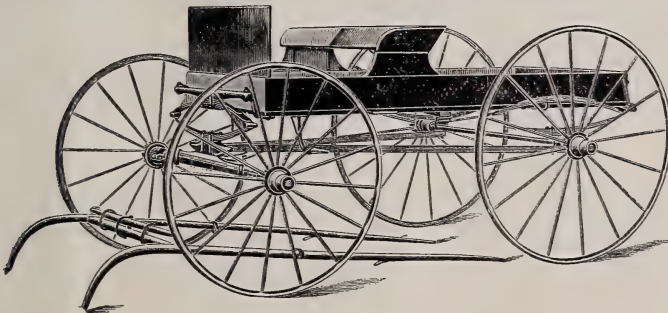


PRICE LIST

ONE HORSE SOLID STEEL AXLE.

Height of Wheel.			Tire.	Capacity.	Gear.	Complete.
Front.		Rear.				
1¼ x 6½ ins.	3 feet 4 ins.	3 feet 10 ins.	1¼ x ¼ ins.	1500 lbs.	\$25.00	\$30.00
1⅜ x 7½ ins.	3 feet 4 ins.	3 feet 10 ins.	1⅜ x ⅜ ins.	1800 lbs.	30.00	35.00

HANDSOME DELIVERY WAGON

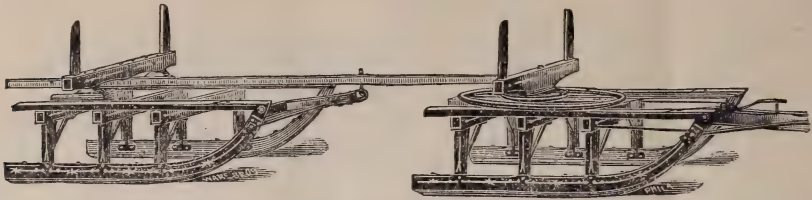


Especially adapted to the use of retail merchants, market gardeners, truck farmers, milkmen, grocers, and for general delivery purposes.

This job compares very favorably with the best custom work turned out by local makers at two or three times our prices.

1⅝ inch.....\$45.00

Six-Knee Farm Bobs



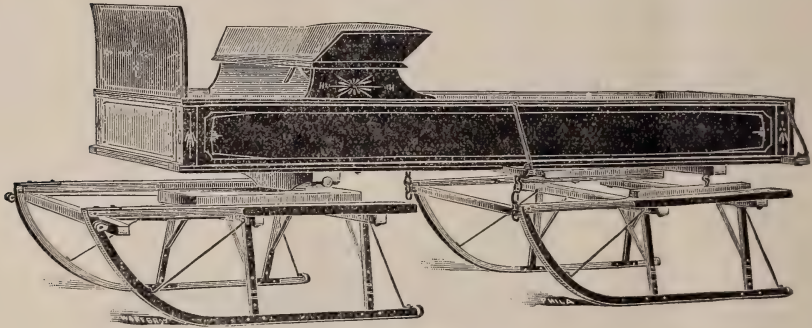
DIMENSIONS—Runners, $1\frac{3}{4}$ inches wide, $2\frac{3}{4}$ inches deep beams 2 inches wide, $2\frac{1}{2}$ inches deep; raves $1\frac{1}{4}$ by $6\frac{1}{2}$ inches; height from bottom of shoe to top of rave, 15 inches; track 3 feet $2\frac{1}{2}$ inches, out to out; length of shoe, 3 feet 10 inches. Shoes are turned up on the heel to make backing easy. Capacity 4,000 lbs.

Six-Knee Heavy Bobs

DIMENSIONS—Runners, 2 inches wide, $3\frac{1}{4}$ inches deep. Beams, $2\frac{1}{2}$ inches wide, $2\frac{3}{4}$ inches deep. Raves, $1\frac{1}{2}$ inch by $7\frac{1}{2}$ inch wide. Height from bottom of shoe to top of rave, $17\frac{1}{4}$ inches. Track, 3 feet centre to centre. Shoes, Top $2\frac{1}{8}$ inch, Depth $1\frac{1}{2}$ inches, Face $1\frac{1}{2}$ inches, 4 feet 6 inches long. Bolsters 38 and 42 inches between stakes. Capacity, 6000 lbs.

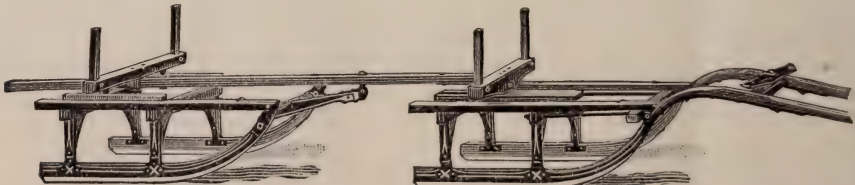
One Horse Delivery Bob Sleigh

Box 8 feet by 3 feet, drop end gate, one seat.



Four-Knee One Horse Bobs

DIMENSIONS—Runners, $1\frac{1}{2}$ inches wide by $2\frac{1}{4}$ inches deep. Beams, $1\frac{3}{4}$ inches wide by $2\frac{1}{4}$ inches deep. Raves, $1\frac{1}{8}$ inch by $5\frac{1}{2}$ inches. Track, 3 feet centre to centre. Height from bottom of shoe to top of rave, 15 inches. Shoes, Top $1\frac{5}{8}$, Depth $1\frac{1}{4}$, Face $1\frac{1}{8}$ inches, 2 feet 9 inches long. Bolsters 38 and 42 inches between stakes. Capacity, 2000 pounds.



We represent the largest sewer pipe factories and can furnish any kind of pipe wanted. Write for discounts.

APPROXIMATE WEIGHTS PER FOOT.

Adopted January 20,

1887.

2 IN. Pipe, per foot, \$0.14	6 IN. Pipe, per foot \$0.30	15 IN. Pipe, per foot \$1.25
Bends40	Bends1.10	Bends4.75
7 LBS. Branches63	16 LBS. Branches1.35	67 LBS. Branches, 2 ft. each, 5.63
PER FT. Traps1.00	PER FT. Traps3.50	PER FT.
3 IN. Pipe, per foot, \$0.16	8 IN. Pipe, per foot \$0.45	18 IN. Pipe, per foot \$1.70
Bends50	Bends2.03	Bends6.50
8 LBS. Branches72	24 LBS. Branches1.80	34 LBS. Branches, 2 ft. each, 7.65
PER FT. Traps1.50	PER FT. Traps5.50	PER FT.
4 IN. Pipe, per foot, \$0.20	10 IN. Pipe, per foot \$0.65	20 IN. Pipe, per foot \$2.25
Bends65	Bends2.75	Bends7.50
14 LBS. Branches90	34 LBS. Branches2.93	100 LBS. Branches, 2 ft. each, 10.13
PER FT. Traps2.00	PER FT. Traps7.50	PER FT.
5 IN. Pipe, per foot, \$0.25	12 IN. Pipe, per foot \$0.85	24 IN. Pipe, per foot \$3.25
Bends85	Bends3.50	Bends11.00
12 LBS. Branches1.13	48 LBS. Branches, 2 ft. each, 3.33	140 LBS. Branches, 2 ft. each, 14.63
PER FT. Traps2.50	PER FT. Traps10.00	PER FT.

Slants.—Fifty per cent. more than plain pipe, measured on long side, but not less than twelve inches.

Increasers and Reducers.—Price of four feet of pipe, size of larger end.

Stoppers.—One-third of one foot of pipe, of the size on which it is used.

Channel or Split Pipe.—Each piece three-fifths of a whole pipe.

Every shipment at the risk of the purchaser.

The sizes named are inside measurement



2 inch.....	\$15.00	per 1000 pieces, Weight,	3000 pounds
3 inch.....	25.00	" " " "	5000 "
4 inch.....	45.00	" " " "	8000 "
6 inch.....	100.00	" " " "	13,000 "

Flue Linings

Price List.		Weight per ft.
4½ inch x 8½ inch.....	30c. foot.	18 pounds.
4½ inch x 13 inch.....	45c. foot.	24 "
8½ inch x 8½ inch.....	45c. foot.	25 "
8½ inch x 13 inch.....	65c. foot.	31 "

Write for discounts.

We Carry a Line of Ditching Tools.

Baskets

We carry a very large line of baskets and will be pleased to name prices when desired. We quote as a special interest to marketmen the following:

1 Bushel Stave Baskets.....		\$1 10 per dozen.
1/2 " " " "		1.10 "
Standard Berry Basket; in lots of 1000.....		3.00 per 1000
" " " " " 5000.....		2.90 "
" " " " " 10,000.....		2.80 "

Eddy Potato Coverer, Price, \$8.50.

It has steel standards and blades, adjustable frame and side adjusting handles, is thoroughly braced, and will cover potatoes as fast as a team will walk. It is a first-class hiller, and having a high frame cannot be clogged.

Eddy Corn Marker

The one-horse marker has two runners, guage and handles. The two-horse marker has three runners and a pole instead of shafts. Attention is particularly called to the long runners, which make a very true mark. On account of their shape they cannot be thrown out by stiff sod or stones, a difficulty with markers having short teeth. We also furnish runners without the frame.

2 Horse Marker with guage and handles	\$8.50
1 "	7.50
Corn Marker Runners with bolts, each.....	1.00

The Star Suction Washer

This washer is in every sense of the word a high grade machine.

Its Superior Points—

FIRST—The suction principle and the manner in which it is applied.

SECOND—The short movement of only seven inches being required to operate it.

THIRD—No rubbing or twisting of clothes, merely forcing air and suds through them.

FOURTH—All iron attachments galvanized, thus avoiding rust. Price \$7.00.

Wheelbarrow, Solid steel tray with wired edge, without lap or seam; hardwood frames, capacity 4 cubic feet, weight 55 pounds. Price \$3.50.

Canal Bolted Barrows, Eureka, at \$2.25 each.

Garden Barrows, all Sizes and Prices.

Barn Trimmings

No. 0, Iron Manger with Food Guard.....	\$0.75
No. 1, " " " .....	.90

Iron Hay Rack projects from the corner 22 in., 27 in. high. Price \$1.00.

Barn Door Hangers and Tracks.

Pumps

Chain Pump Curb.....	\$1.75
Tubing per foot.....	.06
Chain .....	.07
Buckets per piece .....	.07
Bottom plates.....	.10
Suction Wood Pump 6 feet 6 by 6 unlined.....	\$3.50
“ “ “ 6 feet 6 by 6 porcelain lined	4.50
Douglas Iron Pump No. 1, 3 inch.....	4.50

FRUITS AND FLOWERS

The New White Blackberry—Iceberg

Something entirely new in fruit and all who plant the new White Blackberry will be more than pleased. Berries are very white and so transparent that the seeds, which are unusually small, may be seen in the berries when ripe. Clusters are larger than those of Lawton berries, as near as can be judged. They are at least as large, earlier, sweeter and more tender. Each, 15 cts.; six for 75 cts.; twelve for \$1.25, post paid. 100 for \$5 by express.

Rathbun Blackberry

The Rathbun has only to become generally known to supersede other varieties. It is decidedly superior in size, hardiness and quality. A quart box of Snyder and a quart box of Rathbun were each counted and while it took 164 berries to fill the former, 45 berries of the Rathbun completely filled the quart. Each 15 cts.; six for 75 cts.; twelve for \$1.25, postpaid. 100 for \$5 by express.

The Logan Hybrid Raspberry Blackberry

This thornless Raspberry Blackberry originated in California. The vine or cane of the Logan-berry grows unlike either the Blackberry or Raspberry. It is an exceedingly strong grower making the growth of 10 feet in one season, of a deep green color, coarse and thick. The fruit is as large as the largest sized blackberry, of the same form and shape, and the color when fully ripe is a dark bright red. It partakes of the flavors of both the blackberry and raspberry, having a very mild, pleasant taste. It is excellent for the table and the seeds are very small and not abundant. The fruit is extremely firm and the vines are enormous bearers. The fruit ripens very early, just after strawberries, and is nearly all ripe and gone before raspberries and blackberries become plentiful. Each 15 cts.; 3 for 35 cts.; 6 for 60 cts.

New Raspberry—The Cumberland

THE BUSINESS BLACK CAP. LARGEST BLACK RASPBERRY KNOWN.

We offer it with the belief that it is the most profitable variety for market yet known. It well deserves the name of Business Black Cap. It is perfectly hardy. For productiveness nothing exceeds it; few, if any, equal it. During the dry and unfavorable season just past it produced 6,000 quarts per acre. Ripening after the Palmer and Tyler, and preceding the Gregg, it may be termed a mid-season variety. Each 10c.; 6 for 45c; 12 for 80c; postpaid. 100 for \$5.00 by express.

Currants

Orders must reach us by April 15th.

Black Champion—Very productive, large bunch and berry; excellent quality; strong grower. The leading, well-tested black sort.

Cherry—Berries sometimes more than half an inch in diameter; bunches short; plant very vigorous and productive when grown on good soils and well cultivated.

Fay's Prolific—The leading market variety. Extra large stems and berries; uniform in size, easily picked; exceedingly productive.

La Versailles—Very large, red; bunch long, of great beauty and excellent quality; one of the finest and best. Should be in every collection.

North Star—The strongest grower among the red varieties; should be given plenty of room and ground kept well enriched; bunches average four inches in length and are freely produced. Combines extra hardiness, vigorous growth, extra quality and great productiveness.

Victoria—Large, bright red; bunches exceedingly long; berries medium size, of excellent quality. Good erect grower; very productive. Ripens late, making it one of the most valuable sort.

White Grape—Very large; yellowish white; sweet or very mild acid; excellent quality and excellent for the table.

Price by mail postpaid 12c. each; by express, charges collect, 60c per doz.; \$4.00 per hundred.

Clematis

There is no more ornamental class of plants than Clematis, and the rich show of bloom produced by the best varieties is far too magnificent to be fairly portrayed by mere words. The flowers are of large size, measuring four to six and sometimes eight inches in diameter. The colors run from intense velvety purple through blue, lavender and white. Each 12c.; three for 30c.; doz. \$1.25 post paid.

Jackmanni—The flowers are large, intense rich velvety violet-purple, and are produced in such masses as to form a cloud of bloom.

Paniculata—One of the most valuable of all hardy flowering vines, of exceedingly rapid growth, soon reaching a height of fifteen or twenty feet and spreading out in all directions. Small, pure white flowers, borne in great masses of panicles or clusters on long stems, so profuse as to fairly cover the plant with a sheet of fleecy white. Its blooming period is in August and September, when most other vines have ceased, and it is then a sight to behold. Not its least charm is its delightful Magnolia like fragrance, which fills the air everywhere, even from a single vine, for a long distance. It is as hardy as an oak.

New Double Golden Rudbeckia—Golden Glow

This is one of the grandest hardy yellow flowering plants ever introduced, particularly valuable for garden, lawn and park planting; grows six to eight feet high; graceful branching habit, and pretty foliage. Blooms during July and August the first season, and bears immense masses of large, round, golden flowers, perfectly double like roses and two to three inches across, covering the whole plant with a sheet of splendid golden yellow flowers for weeks. It is easy to grow, and sure to bloom, and cannot be too highly recommended as one of the most showy and handsome ornamental plants ever introduced. The flowers are borne by hundreds, on long graceful nodding stems, just right for cutting. Do not forget to include it in your order; it is a plant that will please you. Each 10c.; 3 for 25c., post paid.

The New Japanese Rambler Roses

Rose growers everywhere will hail with delight the announcement that we have to offer them as companions to the famous Crimson Rambler four other distinct colors of Rambler Roses. They are all hardy, and the most charming of all climbing Roses. There is no Rose of any class or kind that will compare with Crimson Rambler for beauty in any respect. It is a gem. Price of the Rambler Rose (Excepting Helene), Each 12c.; 3 for 30c.; 6 for 60c.

The Five Rambler Roses

All Different Colors, Sent for 50 Cents Postpaid.

Crimson Rambler—An exceedingly vigorous, rapid grower, making shoots 10 to 20 feet in height in one season. When in full bloom it is a vivid crimson mass of beauty. Superb as a pot plant, has become the fashionable holiday plant in all the large cities, where it is sold at \$5 and \$10 each. Last Easter plants sold in Philadelphia at \$50 each. Perfectly hardy. No yard or garden should be without Crimson Rambler.

New Hardy Rambler Rose HELENE—Originated in Germany and introduced for the first time last year. For open ground culture it has no superior, being perfectly hardy and a strong healthy grower. Its flowers are borne in large clusters and are produced in amazing profusion. The flowers are larger than Crimson Rambler, almost double, and of excellent substance, remaining in perfection on the bush for weeks. Color soft violet rose; almost blush, base of petals yellowish white, while the anthers and pistils are pure yellow, rising boldly from the flower. The buds are carmine, finely mossed, and are borne 20 to 50 in a cluster. This magnificent rose is bound to become popular when it becomes better known. 15c each, 3 for 50c.

New Pink Rambler EUPHROSYNE—This rose is as charming as any of its rivals, embracing all their good qualities of hardiness, vigorous growth, profuse blooming, delightful fragrance.

New White Rambler THALIA—This charming new rose of the rambler variety is a wonder. It climbs rapidly, is entirely hardy, produces immense clusters of pure white roses, perfectly double, of delightful fragrance, and of an immaculate white. It is without question the best climbing rose extant.

New Yellow Rambler AGLAIA—The Yellow Rambler has been found to successfully withstand, without protection, a continued temperature of from zero to two degrees below, which proves it to be far hardier than any other yellow climbing rose yet introduced, and we believe that by laying the plants down in the winter it can be successfully grown in nearly all the northern parts of the United States. The flowers are borne in immense clusters, after the same manner as the Crimson Rambler.

HYBRID PERPETUAL ROSES

Roses of this class produce the largest and most beautiful flowers and the varieties offered below are all thoroughly hardy. Some sorts do not bloom until the second year, but when thoroughly established they bloom very freely at the usual season, June and July, and at intervals throughout the balance of the summer and fall. They should invariably be planted in the open ground, being adapted for out-door cultivation rather than for house culture. They will stand a considerable amount of hardship and neglect, but improve greatly with good cultivation and rich soil. The quantity and size of blooms will be greatly increased by severe pruning each spring. All rough and scraggy wood should be cut away entirely and the other shoots should be cut back enough so as to leave only two or three eyes to grow. Price of all roses under this class, (except those otherwise noted) each 12c.; any 3 for 32c.; any 6 for 60c.; 12 for \$1.20. Postpaid.

Alfred Colomb—Bright carmine-crimson; very large; fine shape, free flowering.

Anne de Diesbach—Brilliant shell-pink; very large and showy, sweetly scented, very double and of fine form; of strong growing, vigorous habit.

Baron de Bonstettin—Rich dark red, passing to a deep velvety maroon, sometimes almost purple; large, sweetly scented, very double and beautiful.

Caprice—A striped rose, the ground color being a clear satiny pink, distinctly striped and dashed with white and bright carmine. The flowers are large, slightly cup-shaped but full and deep. The buds are especially handsome, being of fine shape and showing the stripe and markings to great advantage.

Charles Lefebvre—Reddish crimson, sometimes with a shade of purple; very velvety and rich; full and beautifully formed, thick glossy petals. A splendid rose.

Clio (New)—Flesh color, this is one of the finest roses we have yet seen. It has the most delicate texture and coloring imaginable, a beautiful globular form. The plant is a very vigorous grower, perfectly hardy, and the flowers are very freely produced throughout the season. Each 15c.; 3 for 40c.

Coquette de Alps—Pure white, tinged with pink in the center; truly a continuous bloomer, as it is scarcely ever without flowers from early summer until cut off by frost in the fall. Flowers are good size, well formed and sweetly scented.

Coquette de Blanches—Similar to the preceding, except that the flowers have a creamy tinge, instead of pink, in the centre.

Gen. Jacqueminot—Rich, crimson-scarlet in color and especially handsome in the bud. It is unrivaled in popularity and of great value for garden planting.

Gen. Washington—Soft, glossy scarlet; flowers large, broad and open in shape, but very double, especially desirable on account of the quantities of flowers produced in the fall when many other varieties bloom but shyly.

Helen Keller (New)—The color is a brilliant rosy cerise. The petals are large shell-shaped and very prettily rolled back from the center of the flower. The flowers are large, very full and fragrant. The plant is a vigorous grower and very free blooming, being one of the first to expand its handsome blossoms and continuing to flower till late in the autumn. Each 15 cts.; three for 40 cents.

John Keynes—Fine, deep, reddish-maroon; of strong, vigorous habit of growth; flowers are of fine shape and very freely produced.

Mme. Gabriel Luizet—One of the most beautiful of all Roses. Extra large, elegantly formed, very double and full, fragrant; color an exquisite shade of clear coral rose, suffused with lavender and pearl; good bloomer; hardy.

Mme. Plantier—It is as hardy as an Oak and for outdoor planting it is the best white Hybrid Perpetual. Flowers are pure white, very large and double; it is a profuse and continuous bloomer.

Magna Charta—A splendid Rose; extra large, full flowers, very double; of fine form, and sweet, color clear rosy red, beautifully flushed with violet crimson; a sure and profuse bloomer. One of the hardiest and best for general planting.

Marchioness of Lorne (New)—Large, full, cup-shaped; buds long and handsome; rich, shining rose-color; shaded with vivid carmine; remarkable for its perpetual flowering. Entirely hardy, a splendid grower, free from disease and very fragrant. Each 15c, 3 for 40c.

Margaret Dickson (New)—The flower is of magnificent form and very large. In color it is the most beautiful waxy white, a lovely shining white with almost the lustre of a pearl. The petals are very large, well-shaped and of great substance, but most delicate in texture. Each 15 cents, 3 for 40 cents.

Mrs. R. G. Sherman Crawford, (New)—This lovely new hybrid is one of the few large-flowering roses that bloom constantly and are perfectly hardy. Color deep rosy-pink, and outer petals tinted with pale flesh in quite a new and unique shade; white at the base of petals. The flowers are large, full and very fragrant; the plant blooming continually from summer to late autumn. Each 15 cents; 3 for 40 cents.

Mrs. John Laing—A splendid, constant-blooming Hybrid Perpetual, perfectly hardy with immense flowers, full and double, borne in great profusion and exceedingly sweet. The color is a clear, bright, shining pink.

Collections of Hybrid Perpetual Roses

(In ordering give simply the name of the collection wanted.)

Novelty Collection of H. P. Roses—Five magnificent new varieties for 60 cts., postpaid. Clio, Helen Keller, Marchioness of Lorne, Margaret Dickson and Mrs. Sherman Crawford.


Collection of Three Nearest Black H. P. Roses for 30 cents post paid. Baron de Bonstettin, John Keynes and Prince Camille de Rohan.

Collection of Four Best Red H. P. Roses for 40 cents, postpaid. Alfred Colomb, Gen. Jacqueminot, Gen. Washington Ulrich Brunner.

Collection of Four Best Pink H. P. Roses for 40 cents, postpaid. Anne de Diesbach, Madame Gabriel Luizet, Magna Charta, Mrs. John Laing.

Collections of Three Finest White Roses for 30c. postpaid. Coquette des Alps, Coquette des Blanches and Madame Plantier.

The All-Colors Collection of H. P. Roses consists of the four preceding collections; fourteen roses for \$1.30 postpaid.

 The climbing vines, flowering shrubs and fruit plants must be sent out while in a dormant condition, that is before they commence to leaf out. Orders for these items, therefore, should reach us by the middle of April at the latest. Orders for roses and greenhouse plants can be filled up to the first of June.

YOUNG & HALSTEAD.

SEEDS { GARDEN FLOWER FIELD

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